

*"Above the Fog,*



*Below the Snow"*

# CITY OF COLFAX 2018 PAVEMENT MANAGEMENT PROGRAM

January 2018

(Approved by City Council 1/10/18)

Prepared By:

Coastland Civil Engineering, Inc.

**Santa Rosa**  
1400 Neotomas Avenue  
Santa Rosa, CA 95405  
Tel: 707.571.8005

**Auburn**  
11865 Edgewood Road  
Auburn, CA 95603  
Tel: 530.888.9929

**Pleasant Hill**  
3478 Buskirk Avenue, Ste. 1000  
Pleasant Hill, CA 94523  
Tel: 925.233.5333  
[www.coastlandcivil.com](http://www.coastlandcivil.com)

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## Background and Purpose

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### **Background**

On May 10, 2017, the City of Colfax embarked on its initial Pavement Management Program (PMP) with adoption of Resolution №. 17-2017 authorizing the City Manager to approve a proposal by Coastland Engineering (Coastland) for preparation of a PMP. City Council's goals include improving the conditions of public streets and the first step in accomplishing this goal is to evaluate the current condition of pavement throughout the City to assist in prioritizing pavement projects. A PMP is designed to systematically evaluate current and project future pavement conditions for all City maintained streets. The PMP will recommend annual budget requirements for maintenance and rehabilitation of the City street system based on the City's goals and available funding.

Coastland's scope of work included compiling and verifying an inventory of City owned streets, and performing pavement condition surveys on the entire network. The field inspection surveys as well as the data entries were conducted during late fall of 2017. Note that the condition surveys focused strictly on the pavement condition and did not address traffic, safety and road hazards, geometric issues, road shoulders, sidewalks, curb and gutters, drainage or short-term maintenance needs.

The PMP analysis method used by Coastland was originally developed in the mid 1980's by the Metropolitan Transportation Commission (MTC) of the San Francisco Bay region. This was done in response to the rising construction costs and declining street revenues faced by most jurisdictions. The method developed and further refined by MTC resulted in a cost-effective approach using a systematic strategy for accessing street pavements, maintenance and repairs that meet the needs of local jurisdictions. This is the first PMP developed for the City so very little data was available to use and the City did not have a street inventory or PMP software prior to this effort. Coastland used readily available street lists, County records and interviews with City staff to develop a comprehensive street inventory. On the City's behalf, Coastland purchased a subscription to MTC's latest PMP software StreetSaver. The StreetSaver software is a nationally recognized tool that uses field inspection information to develop pavement condition ratings (Pavement Condition Index – PCI), provides for various treatment options and aids in the decision-making process of road maintenance and repair. StreetSaver software optimizes use of available street maintenance funds, and forecasts the financial and physical consequences of deferred street maintenance.

## Purpose

PMP is a tool that allows a jurisdiction to be pro-active in the management of their street pavement system. To be effective and provide accurate recommendations, a PMP must be updated regularly.

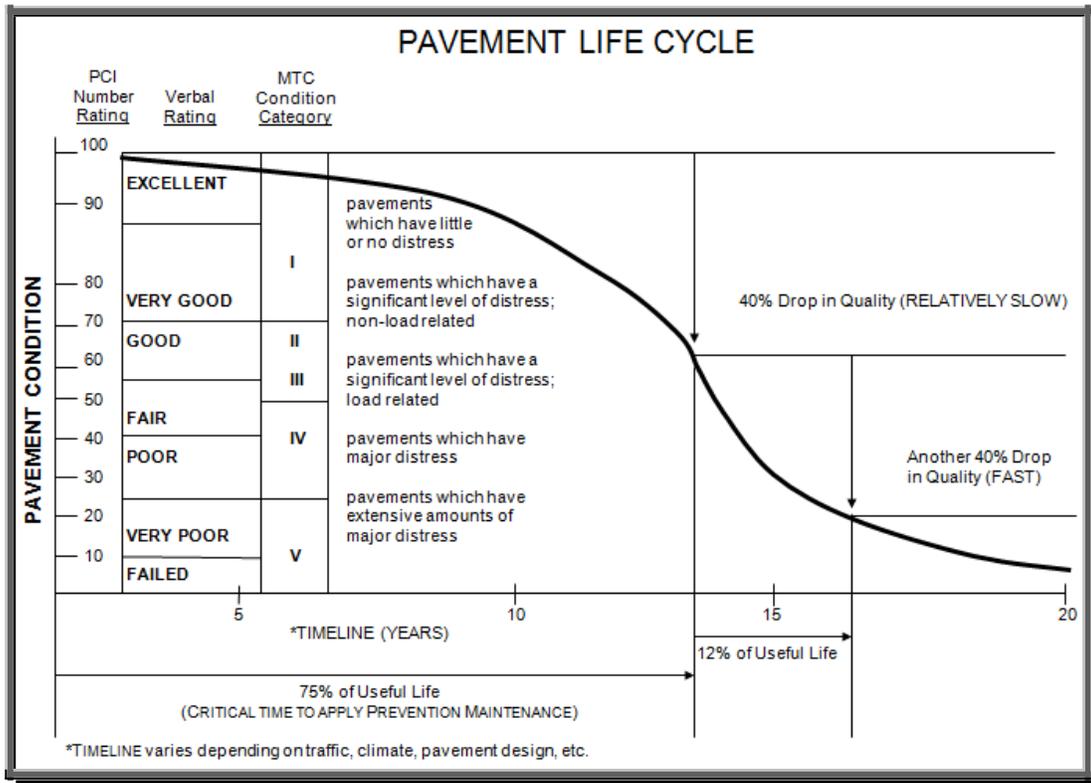
The purpose of the 2018 PMP for the City of Colfax is to satisfy following street pavement needs:

1. A systematic and consistent method of evaluating current pavement conditions as well as projecting future pavement conditions for all City maintained streets.
2. Development of current and future annual budget estimates to assist in developing a multi-year capital improvement program for street maintenance. These budget estimates are based on the specific unit costs input for the distinct types of preventative maintenance and rehabilitation pavement treatments used by the City.

Before the widespread use of PMP, municipalities typically maintained their streets reactively as they showed a need for repair – typically taking a “worst first” approach. This reactive method of managing pavement maintenance by waiting to respond until the problem was obvious did not use available street maintenance funds in the most cost-effective way. The use of a PMP for the management of the street system will result in implementing the most cost-effective maintenance to a valued asset and ensure that the City is getting the most for the money expended. Implementation of the PMP can also significantly reduce the future cost of street maintenance and repair.

Typically, jurisdictions respond to street funding shortfalls by deferring preventative maintenance work on what appears to be the better condition streets. Preventative maintenance is defined as low-cost pavement treatments such as crack sealing, slurry sealing and sometimes a thin asphalt overlay of a paved street. As jurisdictions concentrate their limited resources on the most obvious needs, such as filling potholes or rehabilitating streets with the worst pavement conditions, the critical area of preventive maintenance is neglected. This approach allows streets that are in better condition to prolonged periods of deterioration.

Unfortunately, the rate of street deterioration is not linear. As more time passes, the rate of deterioration on the better condition streets increases over time. Extensive research shows street pavement, without any preventative maintenance, deteriorates in quality in a relatively slower rate during the first 75% of its useful life. Then, it significantly deteriorates in quality at a much faster rate in the next 12% of its useful life. **Figure 1 - Pavement Life Cycle** shows the typical degradation of street pavement over time without any type of pavement treatment. Providing preventative maintenance and/or repair prior to pavement reaching 75% of its useful life are critical to cost effectively extending the useful life of any pavement.



**Figure 1-Pavement Life Cycle**

The cost of applying preventive maintenance treatments before 75% of a pavement’s useful life is generally one-tenth to one-fifth the cost of applying the required expensive rehabilitation or reconstruction treatment after 75% of a pavement’s useful life. Comparative studies of preventative maintenance versus rehabilitation treatment strategies have further found the sum of the expenses to apply low cost preventative maintenance treatments is significantly less for streets in a “very good” to “excellent” condition (PCI = 70 to 100), than the one-time expense to apply high cost rehabilitation/reconstruction treatments to streets allowed to deteriorate to the “poor” to “failed” conditions (PCI = 0 to 25). The ultimate goal of the PMP is to raise the overall condition of the entire street network system to a “very good” to “excellent” condition so low cost preventive maintenance treatments are the primary pavement strategies being applied. Figure 2 “Pavement Treatment Application Strategies vs. Pavement Condition Index” shows the various treatment methods used based on the PCI of a street.

The PMP program is also a decision making tool that allows the City to query the program to allocate actual or desired funds in a cost-effective manner to all or selected streets. This report provides the current and the 6-year projected average PCI of all City maintained streets with and without the stated recommended treatments. It provides a recommended 6-year Street CIP including the type of pavement maintenance needed and the associated costs. It also provides the financial and physical impacts of deferred maintenance to every street in the street system. Calculations beyond 6 years are not recommended as the output reporting becomes less reliable due to varying roadway degradation over time. Using a PMP could lower the overall cost of maintaining the street network system over time and significantly extend the useful life of the street system.



## Pavement Network and Current Conditions

The City of Colfax currently maintains 8.39 centerline miles of paved streets with an inventory of 101 sections as shown in the table below. It should be noted that the only arterial streets within the City are Highway 174 and Interstate 80 which are owned and maintained by Caltrans. The total replacement value of the City’s pavement infrastructure is approximately \$15.8M.

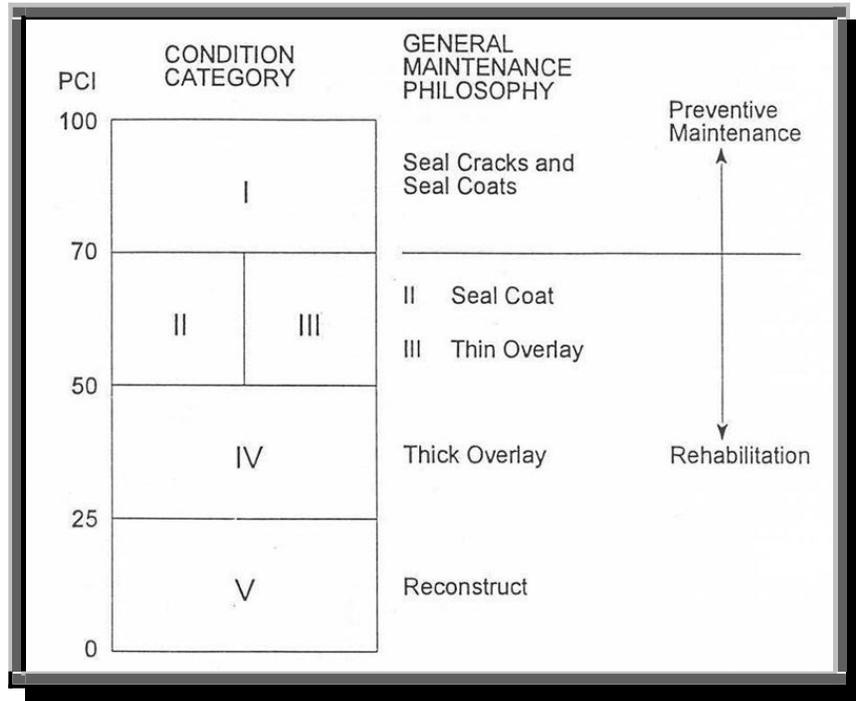
Functional Classification	Maintained Streets	# of Sections
<b>Arterial Streets</b> Direct, relatively high-speed service Longer trips Large traffic volumes Mobility emphasized, access limited	0.0 centerline miles	0
<b>Collector Streets</b> Balance Mobility with access Shorter trips and slower speeds Collect traffic from local roads	1.45 centerline miles	15
<b>Residential/Local Streets</b> High access, low mobility Direct access to individual homes	6.94 centerline miles	86
<b>Total</b>	<b>8.39</b>	<b>101</b>

The pavement condition index, or PCI, is a measurement of pavement grade or condition and ranges from 0 to 100. A newly constructed street has a PCI of 100, while a failed street has a PCI of 25 or less. **Figure 2**, below, illustrates the definitions of the pavement condition categories.

Each street section consists of a segment that is generally uniform in its pavement condition, material and width. These street sections are the basic management units of the PMP. Shorter streets (approximately 1,000 feet or less) consist of one section; longer streets may consist of multiple street sections. The descriptive and historical data of these street sections include; the section number, begin point, end point, length, width, surface type, number of lanes, year of construction, and functional class of each section.

Generally, an inspection unit is at least 10 percent of the length of the street section. The inspection unit, typically 100 continuous feet in length, was examined and evaluated in detail. The criterion used in selecting the inspection unit is the continuous length of street having the most representative pavement condition of the entire length of street section.

**PAVEMENT TREATMENT APPLICATION STRATEGIES  
VS. PAVEMENT CONDITION INDEX (PCI)**



**Figure 2**

A field distress survey of existing street conditions, measurements and observations, was conducted on the entire area of each inspection unit for the following pavement distress categories:

- Alligator cracking
- Block cracking
- Distortions
- Longitudinal and transverse cracking
- Patching
- Rutting
- Weathering

The methodology used for the field distress surveys is found in the Manual for Pavement Condition Index Distress Identification as published by MTC. Once the existing surface distresses were identified, evaluated and quantified, the information was entered into the PMP program database.

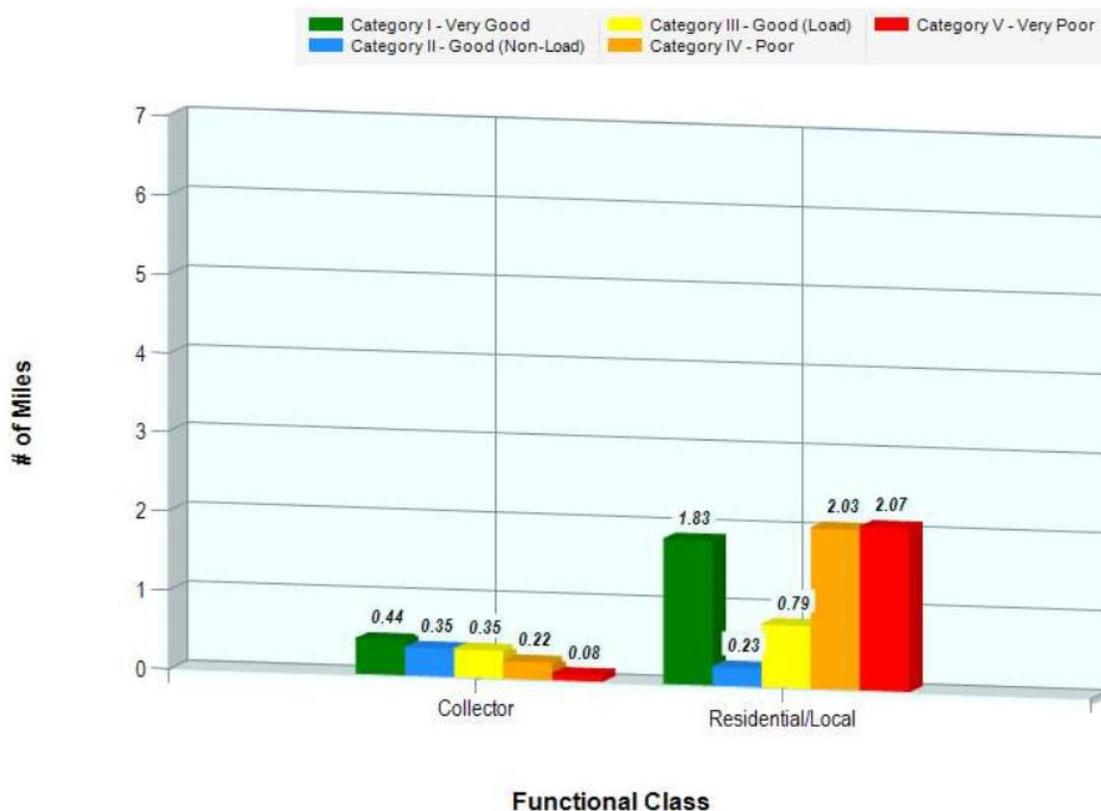


## Findings

City maintained streets in the City of Colfax can be characterized as:

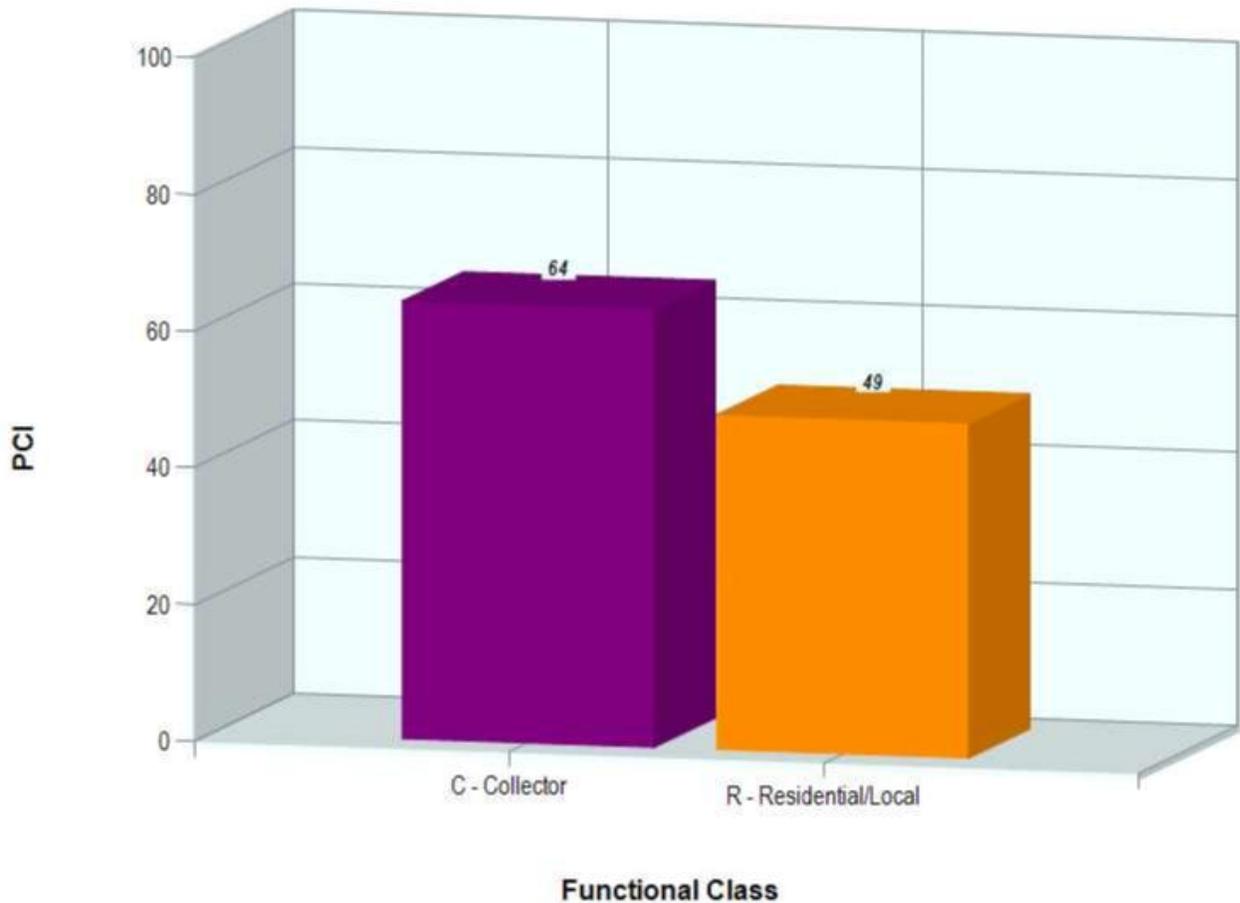
- Low traffic volume
- Low speeds
- Low to moderate vehicle loads
- Mostly older pavements with patching where needed
- Some recent subdivisions and maintenance efforts that raise the overall PCI
- Typically, good structural strength remaining with substantially weathered surface
- Arterial streets (Hwy-174 and I-80) are maintained by Caltrans

The average Pavement Condition Index (PCI) is 52 which falls within Category III – “Fair/At Risk” and beginning to exhibit significant levels of distress. This ranking indicates that, in general, the City’s streets have less than 25% of their useful life remaining. As shown on **Figure 1**, streets have reached the steep downward slope of the life cycle curve where degradation is expected to accelerate and more extensive maintenance will be required. **Figure 3**, “**Condition Categories**”, demonstrates the current condition of the street system.



**Figure 3 -Condition Categories by Functional Classification**

Additionally, the average PCI's by functional classification shown in **Figure 4**, indicates that as groups collector streets have an average PCI of 64 and residential streets have an average PCI of 49.



**Figure 4-Weighted PCI by Functional Classification**

The City's overall 2018 PCI of 52 is projected to degrade to a PCI of 41 over five years if no further street maintenance is performed. As a street segment's PCI approaches or drops below 50, expensive asphalt overlays and reconstruction of the street would become the primary type of treatments necessary to raise the overall PCI. It is evident that many of the City's streets are at or beyond the brink of requiring the more costly treatment of reconstruction.

The PMP program is a decision-making tool that allows the City to query the program to allocate actual or desired street funds in a cost-effective manner to all or selected streets. The appendix of this report provides the current and the 6-year projected PCI of every City maintained street with and without the stated recommended treatments. It provides a recommended 6-year Street CIP including the type of pavement maintenance needed and the associated costs. It also provides the financial and physical impacts of deferred maintenance to every street in the street system.

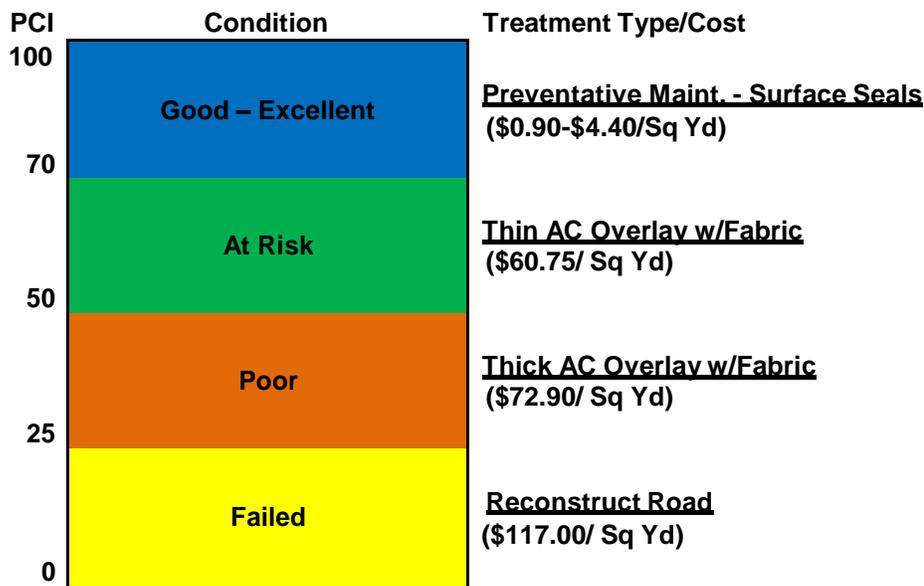


## Maintenance and Budget Scenarios

### Preventative Maintenance and Rehabilitation Treatment Costs and Strategies

Recommended types of preventive maintenance and rehabilitation pavement treatments such as crack sealing, slurry seals, and AC overlays with pavement fabric were input in the StreetSaver program's Decision Tree (included in the Appendix). Construction costs used in this report were estimated based on:

- 2017 construction cost data
- Minimum construction cost of \$100,000 for re-surfacing and \$200,000 for reconstruction projects
- Conditions specific to the City of Colfax such as location, block lengths and weather
- Costs for construction only, not including engineering, project administration, bidding, inspection, and contingency
- Cost do not include pedestrian ramps, sidewalks and drainage structures



The PMP results can be used as a basis for the City to prepare a customized strategy that considers other non-technical factors such as distributing projects in various neighborhoods equitably, grouping of projects to reduce construction costs, future development projects and future utility work that may impact newly treated streets. Treatment assignments are dependent on the street's functional classification (arterial, collector, or residential), paved surface types (asphalt or concrete), and pavement treatment history (original asphalt, asphalt overlay on

original asphalt, original concrete, and asphalt overlay over original concrete). The PMP software calculations match each street section with the recommended pavement treatment based on its PCI. For example, pavements within the PCI Category I (PCI is between 70-100), typically are assigned “Preventive Maintenance Treatments” including crack sealing, slurry seals, or sometimes thin asphalt overlays. Pavements within the PCI Categories II, III, IV and V typically are assigned “Rehabilitation Treatments” ranging from thin asphalt overlays, to thick overlays to full pavement reconstruction.

The different paved street surfaces typically considered in a PMP include: asphalt concrete (AC), asphalt concrete overlay over existing asphalt concrete (AC over AC), Portland cement concrete (PCC), asphalt concrete overlay over existing Portland cement concrete (AC over PCC), and Surface Treatment such as sequential chip seals, (ST).

### **Needs Analysis**

The PMP software program is designed to determine the most cost-effective preventative maintenance and rehabilitation treatments necessary to raise and maximize the PCI of the overall City-wide system during a six-year period. Longer time periods can be analyzed and projected, but the MTC recommends limiting the projections to a 5-year period. When the PMP program is running the Needs Analysis, it evaluates the relative effectiveness of each pavement treatment in raising the PCI of the overall street network and determines the associated treatment costs. The PMP program then selects street sections to receive preventative maintenance and rehabilitation that will best benefit the overall street network. The PMP program goal to raise the average PCI of the overall street system to an idealized PCI in the 80’s placing it in the “Very Good” to “Excellent” range. This calculation is based on the field work performed and data entry input during the Summer/Fall of 2017.

### **Budget Scenarios**

Having determined the maintenance needs of the road network, the next step in developing a cost-effective maintenance and rehabilitation strategy is to conduct several “what-if” analyses. Using the PMP software budget scenario module, the impacts of various budget "scenarios" can be evaluated. The program projects the effects of the different scenarios on PCI and deferred maintenance (backlog.) By examining how various budget scenarios effects these indicators, the advantages and disadvantages of different funding levels and maintenance strategies, the City can use this information to determine the best budget scenario to implement. The following scenarios were performed for the purposes of this report. Detailed information for each scenario can be found in the Appendix.

#### **Scenario 1 - \$0 Funding-Do Nothing Budget**

The “Do Nothing” budget analysis assumes all types of annual street pavement maintenance and repair are ignored, except for filling potholes. Consequently, the program projects the annual City-wide PCI degradation and the annual individual PCI degradation for each of the street sections in each year for six years. As calculated, if no funds are available for street maintenance over the next 5 years, the average PCI for the City of Colfax is projected to drop from its current PCI of 52 to a PCI of 41. It is worth noting this is only a computer projection. It is expected the City will continue to perform regular maintenance and re-inspection updates to the PMP.

## Scenario 2 -Expected Budget

As provided by City staff, the most realistic expected annual street funding that may be available for street pavement maintenance over the next six years is:

- FY 17-18: Gas Tax \$5,000, CDBG (Culver Street), \$205,000, RSTP (Rising Sun Rd) \$225,000 = \$435,000
- FY 18-22: Gas Tax \$23,200/yr.

Currently the City has two capital maintenance projects planned for the 2018/19 construction season as follows:

Road Name	PCI Before Treatment (by segment)	PCI After Treatment	Projected Cost	Treatment Type
Culver Street – W. Oak St. to Newman St.	9, 20	100	\$225,000	RECONSTRUCT STRUCTURE (AC)
Rising Sun Road - W. Grass Valley Rd. to Ben Taylor Rd.	60, 39, 46	100	\$225,000	THICK AC OVERLAY (2.5")

If the City applies the currently anticipated budget mentioned above, then the resulting PCI at the end of five years is projected to be 45 which is 4 basis points above “Do Nothing”, however the overall PCI is still declining at a rate of 2 basis points over time.

## Scenario 3 - Maintain Current PCI of 52

If the City desired to maintain the current overall PCI of 52 it would need to spend \$375,000 per year for the next five years. This dollar amount indicates the overall rate of depreciation of the City’s pavement assets.

## Scenario 4 - Increase PCI to 57

If the City desired to increase the current overall PCI to 57 it would need to spend \$575,000 per year for the next five years.

## Scenario 5 – Unlimited/Unconstrained Budget

If revenues were unconstrained the City would need to spend \$7.4M over a five-year period to achieve an overall PCI of 80. This scenario would put the City in the position of spending very little money on pavement maintenance beyond the first five years.

A complete listing of recommended treatments generated by the StreetSaver software can be found in the Appendix report scenarios under Sections Selected for Treatments.



## Conclusion

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The City of Colfax has a substantial investment in their street network. The 2018 average City-wide PCI for the streets maintained by the City of Colfax is 52 with a five-year projection of 41. These ratings underscore the need to make street maintenance and the pursuit of external funding a high priority for the City. Continued long-term implementation of the PMP recommendations will help to ensure that the City's street infrastructure is maintained to the highest level possible.

### **Pavement Maintenance Budget**

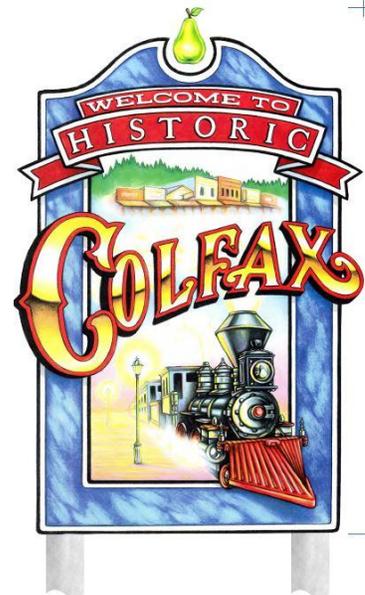
The expected annual street funding that may be available for street pavement maintenance over the next six years is \$435,000 for 2018 and \$23,200 per year thereafter unless additional funding is secured. This report does not assume potential new funding from the County-wide Keep Placer Moving ballot effort or the possible loss of recently enacted SB1 Gas Tax funding (both may be subject to future voter approval).

### **Pavement Maintenance Strategies**

The City's pavement maintenance strategies include surface seals, overlays and reconstruction. It is important to preserve pavement that is in "Good" to "Excellent" condition by maintaining the surface of the pavement. Crack sealing, one of the least expensive treatments, can keep moisture out of pavements and prevent the underlying aggregate base from premature failure. Life-extending surface seals, such as slurry seal and cape seals, are also very cost-effective for pavements in good condition. Accordingly, we recommend that the City maintain the efforts in current preventive maintenance program as outlined in the decision tree i.e. crack seals as well as slurry and cape seals, while at the same time, rehabilitate the streets with lower PCI's.

### **Re-inspection Strategies**

It is important to update the City's PMP database regularly in the future with new field inspection surveys to reflect the most current condition of the City streets. When the City carries out any preventative maintenance and rehabilitation treatments, this information should also be recorded in the database to retain "Maintenance and Rehabilitation History". As each street section in the database is updated, the PMP program will provide the most current condition of the street system. Continued input will further increase the ability of the PMP program to provide the best output and, therefore, the greatest return on available street funds invested.



Below are the State deadlines as they apply to a certified 2018 PMP program. The years listed are in calendar years, not in fiscal years:

Functional Classification (Street Category)	Current PMP Update	PMP Certification Renewal Due
1. Arterial Streets	2018	2020
2. Collector Streets	2018	2020
3. Residential Streets	2018	2023

**Maintenance and Rehabilitation Decision Tree**

The maintenance and rehabilitation decision tree and the associated unit costs should be reviewed and updated annually to reflect new construction techniques/repairs and changing costs so the budget analysis results can be reliable and accurate. The complete listing of recommended treatments can be found in the appendices.

**Future Street Maintenance Funding**

In its current condition, the City’s pavement is nearing the last 25% of its useful life and degrading at a rate of approximately 3 PCI points per year. This rate will increase as the pavements degrade further (see Figure 1-Pavement Life Cycle). The City needs to spend approximately \$375,000 per year just to maintain what is has today and current projected annual Gas Tax revenues budgeted for streets is \$23,200 yielding an annual shortfall of \$351,800.



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	Total Sections	Total Center Miles	Total Lane Miles	PCI
Collector	15	1.45	2.89	64
Residential/Local	86	6.94	13.75	49
Total	101	8.39	16.64	
Overall Network PCI as of 1/4/2018:				52



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Functional Class	Surface Type	Lane Miles	Unit Cost/ Square Foot	Pavement Area/ Square Feet	Cost To Replace (in thousands)
Collector	AC	2.9	\$13.00	230,398	\$2,995
Residential/Local	AC	13.7	\$13.00	984,887	\$12,804
	Grand Total:	16.6		1,215,285	\$15,799



# Street Network Inventory

## Consolidated Report

01/04/2018

Sec ID	Begin	End	FC	Length	Width	Surface Type	PCI Date	PCI
Street Name: BEN TAYLOR RD								
10-C	RISING SUN CT	CITY LIMIT N	C	384	32	AC	12/07/2017	58
Street Name: CANYON CREEK CIR								
10-R	CANYON CREEK DR	CANYON CREEK DR	R	1049	32	AC	12/12/2017	93
Street Name: CANYON CREEK DR								
10-R	CANYON WAY	END	R	1106	32	AC	12/12/2017	93
Street Name: COLFAX AVE								
10-R	W GRASS VALLEY ST	END SOUTH	R	300	32	AC	12/11/2017	43
Street Name: CULVER ST								
10-R	W GRASS VALLEY ST	W CHURCH ST	R	374	32	AC	12/11/2017	9
20-R	W CHURCH ST	QUINNS LANE	R	194	32	AC	12/11/2017	26
30-R	QUINNS LANE	W OAK ST	R	181	32	AC	12/11/2017	29
40-R	W OAK ST	SCHOLTZ AVE	R	204	32	AC	12/11/2017	9
50-R	SCHOLTZ AVE	NEWMAN ST	R	146	32	AC	12/11/2017	20
Street Name: DEPOT ALLEY								
10-R	GRASS VALLEY ST	CHURCH ST	R	355	28	AC	12/12/2017	49
Street Name: DEPOT ST								
10-R	N MAIN ST	PLEASANT ST	R	224	19	AC	12/08/2017	22
20-R	PLEASANT ST	SANDERS LN	R	295	19	AC	12/08/2017	10
30-R	SANDERS LN	JAY ST	R	266	19	AC	12/08/2017	11
Street Name: DINKY AVE								
10-R	N FOREST HILL ST	HWY 174	R	418	32	AC	12/11/2017	96
Street Name: E CHURCH ST								
10-C	S AUBURN ST	END W	C	292	20	AC	12/08/2017	21
20-C	S AUBURN ST	S FOREST HILL ST	C	199	20	AC	12/08/2017	53
30-C	S FOREST HILL ST	S NORTHSTAR AVE	C	135	20	AC	12/08/2017	8
Street Name: E DEPOT ST								
10-R	N AUBURN ST	N FOREST HILL ST	R	332	20	AC	12/08/2017	12
Street Name: E GRASS VALLEY ST								
10-R	S MAIN ST	S AUBURN ST	R	503	19	AC	12/08/2017	100
Street Name: E OAK ST								
10-R	RAILROAD AVE	S AUBURN ST	R	595	20	AC	12/08/2017	64
20-R	S AUBURN ST	S FOREST HILL ST	R	199	20	AC	12/08/2017	18
30-R	S FOREST HILL ST	HWY 174	R	217	20	AC	12/08/2017	39
Street Name: E PARK HILL DR								
10-R	PLEASANT ST	CITY LIMIT	R	205	19	AC	12/08/2017	26
Street Name: EASY WAY								
10-R	HUNTER LN	END N	R	278	22	AC	12/08/2017	93
20-R	PLEASANT ST	EASY WAY W	R	185	22	AC	12/08/2017	94
Street Name: FIRE HOUSE ALLEY								

Sec ID	Begin	End	FC	Length	Width	Surface Type	PCI Date	PCI
Street Name: FIRE HOUSE ALLEY								
10-R	DEPOT ALLEY	CULVER	R	450	28	AC	01/04/2018	99
Street Name: GEARHART RD								
10-R	N MAIN ST	PLEASANT ST	R	667	20	AC	12/08/2017	65
Street Name: HUNTER LN								
10-R	PLEASANT ST	END W	R	1023	19	AC	12/08/2017	39
Street Name: INCLINE DR								
10-R	CANYON CREEK CIR	CANYON CREEK CIR	R	488	32	AC	12/12/2017	93
Street Name: KNEELAND ST								
10-R	W GRASS VALLEY ST	DEPOT ST	R	356	20	AC	12/08/2017	14
Street Name: LINCOLN ST								
10-R	ROSE AVE	END BARRICADE	R	470	28	AC	12/08/2017	39
Street Name: MARVIN AVE								
10-R	S AUBURN ST	S FOREST HILL ST	R	249	32	AC	12/07/2017	20
20-R	S FOREST HILL ST	S NORTHSTAR AVE	R	134	18	AC	12/07/2017	0
30-R	S NORTHSTAR AVE	SUNRISE AVE	R	198	18	AC	12/07/2017	26
Street Name: N AUBURN ST								
10-R	E DEPOT ST	E GRASS VALLEY ST	R	271	21	AC	12/08/2017	42
Street Name: N CANYON WAY								
10-R	STEVENS TRAIL	CANYON CT	R	655	32	AC	12/12/2017	29
Street Name: N DEPOT ST ALLEY								
10-R	W GRASS VALLEY ST	DEPOT ST	R	377	21	AC	12/08/2017	15
Street Name: N FOREST HILL ST								
10-R	DINKY AVE	VISTA AVE	R	467	28	AC	12/08/2017	100
20-R	VISTA AVE	SMITH LANE	R	332	28	AC	12/08/2017	33
30-R	SMITH LANE	MARVIN AVE	R	242	28	AC	12/08/2017	40
Street Name: N MAIN ST								
10-R	W GRASS VALLEY ST	SCHOOL ST	R	773	35	AC	12/07/2017	73
20-R	SCHOOL ST	GEARHART LN	R	737	35	AC	12/07/2017	77
30-R	GEARHART LN	HWY 174	R	496	35	AC	12/08/2017	63
Street Name: N NORTHSTAR AV								
10-R	MARVIN AVE	E OAK ST	R	799	28	AC	12/12/2017	39
Street Name: NEWMAN ST								
10-R	S MAIN ST	CULVER ST	R	429	32	AC	12/11/2017	26
Street Name: PINE CT								
10-R	PINE ST	END	R	239	28	AC	12/08/2017	38
Street Name: PINE ST								
10-R	CULVER ST	PINE CT	R	140	32	AC	12/11/2017	60
Street Name: PLEASANT ST								
10-R	DEPOT ST	SCHOOL ST	R	380	19	AC	12/08/2017	8
20-R	SCHOOL ST	E PARK HILL DR	R	862	19	AC	12/08/2017	12
30-R	E PARK HILL DR	END N	R	757	19	AC	12/08/2017	14
Street Name: QUINNS LN								

Sec ID	Begin	End	FC	Length	Width	Surface Type	PCI Date	PCI
Street Name: QUINNS LN								
10-R	S MAIN ST	END - CLUVER	R	851	28	AC	12/12/2017	49
Street Name: RAILROAD AVE								
10-R	GRASS VALLEY	E OAK ST	R	719	32	AC	12/12/2017	74
20-R	E OAK ST	END	R	890	32	AC	12/12/2017	15
Street Name: RISING SUN RD								
10-R	W GRASS VALLEY ST	W CHURCH ST	R	381	32	AC	12/08/2017	60
20-R	W CHURCH ST	PARKHILL DR	R	946	32	AC	12/08/2017	39
30-R	PARK HILL DR	BEN TAYLOR RD	R	110	32	AC	12/08/2017	46
Street Name: ROSE AVE								
10-R	LINCOLN ST	WASHINGTON ST	R	194	28	AC	12/08/2017	26
20-R	WASHINGTON ST	WALNUT ST	R	257	28	AC	12/08/2017	13
Street Name: S AUBURN ST								
10-C	MARVIN AVE	E CHURCH ST	C	371	31	AC	12/07/2017	94
20-C	E CHURCH ST	E OAK ST	C	442	31	AC	12/07/2017	95
30-C	E OAK ST	CENTRAL ST	C	391	31	AC	12/07/2017	93
40-C	CENRAL ST	COLFAX OVER X-ING	C	331	31	AC	12/07/2017	95
50-C	COLFAX OVER X-ING	WHITCOMB AVE	C	994	31	AC	12/07/2017	46
60-C	WHITCOMB	MINK CREEK	C	1469	32	AC	12/12/2017	55
70-C	MINK CREEK	SHERWOOD CT	C	1277	32	AC	12/12/2017	61
Street Name: S FOREST HILL ST								
10-R	MARVIN AVE	CHURCH ST	R	398	20	AC	12/08/2017	23
20-R	CHURCH ST	OAK ST	R	424	20	AC	12/08/2017	19
30-R	OAK ST	CENTRAL ST	R	396	20	AC	12/08/2017	51
Street Name: S MAIN ST								
10-C	W GRASS VALLEY ST	W CHURCH ST	C	375	28	AC	12/08/2017	65
20-C	W CHURCH ST	W OAK ST	C	381	28	AC	12/08/2017	80
30-C	W OAK ST	NEWMAN ST	C	401	28	AC	12/08/2017	74
40-R	NEWMAN ST	WASHINGTON ST	R	389	28	AC	12/08/2017	85
50-R	WASHINGTON ST	WALNUT ST	R	274	28	AC	12/08/2017	79
Street Name: S STAR AVE								
10-R	MARVIN	E CHURCH	R	380	32	AC	12/12/2017	92
20-R	E CHURCH	E OAK ST	R	411	32	AC	12/12/2017	11
Street Name: SANDERS								
10-R	DEPOT ST	DEPOT ST	R	448	32	AC	12/12/2017	61
Street Name: SCHOLTZ AVE								
10-R	CULVER ST	JEFFERY PL	R	363	32	AC	12/11/2017	55
Street Name: SCHOOL HOUSE ALLEY								
10-R	DEPOT ST	SCHOOL ST	R	375	11	AC	12/08/2017	28
Street Name: SCHOOL ST								
10-R	N MAIN ST	PLEASANT ST	R	414	14	AC	12/08/2017	18
Street Name: SMITH LANE								
10-R	N FOREST HLL ST	SUNRISE AVE	R	363	28	AC	12/11/2017	38
Street Name: SUNRISE AVE								
10-R	HWY 174	VISTA AV	R	525	32	AC	12/11/2017	26
20-R	VISTA AVE	SMITH LN	R	313	32	AC	12/11/2017	23

Sec ID	Begin	End	FC	Length	Width	Surface Type	PCI Date	PCI
Street Name: SUNRISE AVE								
30-R	SMITH LN	MARVIN AVE	R	188	32	AC	12/11/2017	19
Street Name: SUNSET AVE								
10-R	W GRASS VALLEY ST	END SOUTH	R	277	32	AC	12/11/2017	33
Street Name: SUNSET CIR								
10-R	W GRASS VALLEY ST	SUNSET AVE	R	482	32	AC	12/11/2017	18
Street Name: TOKAYANA WAY								
10-C	RISING SUN RD	CITY LIMIT	C	186	30	AC	12/08/2017	41
Street Name: VISTA AVE								
10-R	N FOREST HILL ST	SUNRISE AVE	R	356	28	AC	12/08/2017	18
Street Name: W CHURCH ST								
10-R	S MAIN ST	CULVER ST	R	583	32	AC	12/11/2017	100
20-R	CULVER ST	RISING SUN RD	R	328	32	AC	12/11/2017	21
Street Name: W GRASS VALLEY ST								
10-R	S MAIN ST	N DEPOT ST ALLEY	R	138	28	AC	12/08/2017	86
20-R	N DEPOT ST ALLEY	KNEELAND ST	R	267	28	AC	12/08/2017	92
30-R	KNEELAND ST	CULVER ST	R	192	28	AC	12/08/2017	87
40-R	CULVER ST	RISING SUN RD	R	241	28	AC	12/11/2017	90
50-R	RISING SUN RD	SUNSET CIR E END	R	255	28	AC	12/11/2017	35
60-R	SUNSET CIR E END	SUNSET AVE	R	176	28	AC	12/11/2017	23
Street Name: W OAK ST								
10-R	S MAIN ST	CULVER ST	R	510	28	AC	12/11/2017	60
20-R	CULVER ST	END W	R	887	28	AC	12/11/2017	13
Street Name: WALNUT ST								
10-R	ROSE AVE	S MAIN ST	R	286	28	AC	12/08/2017	33
Street Name: WASHINGTON ST								
10-R	ROSE AVE	S MAIN ST	R	391	28	AC	12/08/2017	36
Street Name: WHITCOMB AVE								
10-R	S AUBURN ST	CORTOPASSI CT	R	226	26	AC	12/07/2017	24
20-R	CORTOPASSI CT	END CDS	R	1391	11	AC	12/07/2017	57





# Decision Tree

Printed: 01/04/2018

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Arterial	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	
PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6				
		Surface Treatment	SLURRY SEAL	\$4.40		6			
		Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2		
		II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6		
		III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6		
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7		
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9		

Functional Class and Surface combination not used



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# Decision Tree

Printed: 01/04/2018

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Arterial	ST	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	

Functional Class and Surface combination not used



# Decision Tree

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Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6		
			Surface Treatment	SLURRY SEAL	\$4.40		6	
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2
		II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
		III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9		
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6		
			Surface Treatment	SLURRY SEAL	\$4.40		6	
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2
		II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
		III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9		
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6		
			Surface Treatment	SLURRY SEAL	\$4.40		6	
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2
		II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
III - Good, Load Related			THIN OVERLAY w/FABRIC	\$60.75		6		
IV - Poor			THICK AC OVERLAY(2.5 INCHES)	\$72.90		7		
V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9			
PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
		Surface Treatment	SLURRY SEAL	\$4.40		6		
		Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
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	III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6		
	IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7		
V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9			

Functional Class and Surface combination not used



# Decision Tree

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Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
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			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	

Functional Class and Surface combination not used



# Decision Tree

Printed: 01/04/2018

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Residential/Local	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
Surface Treatment			SLURRY SEAL	\$4.40		6			
Restoration Treatment			THIN OVERLAY w/FABRIC	\$60.75			2		
		II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6		
		III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6		
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7		
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9		
PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6				
		Surface Treatment	SLURRY SEAL	\$4.40		6			
		Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2		
		II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6		
		III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6		
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7		
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9		

Functional Class and Surface combination not used



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# Decision Tree

Printed: 01/04/2018

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Residential/Local	ST	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	

Functional Class and Surface combination not used



# Decision Tree

Printed: 01/04/2018

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Other	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
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			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
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PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6				
		Surface Treatment	SLURRY SEAL	\$4.40		6			
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		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7		
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9		

Functional Class and Surface combination not used



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# Decision Tree

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Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Other	ST	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.75	6			
			Surface Treatment	SLURRY SEAL	\$4.40		6		
			Restoration Treatment	THIN OVERLAY w/FABRIC	\$60.75			2	
			II - Good, Non-Load Related		SLURRY SEAL	\$4.40		6	
			III - Good, Load Related		THIN OVERLAY w/FABRIC	\$60.75		6	
			IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$72.90		7	
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$117.00		9	

Functional Class and Surface combination not used



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# Needs - Projected PCI/Cost Summary

Inflation Rate = 3.00 % Printed: 01/04/2018

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2018	78	52	\$59,888	\$4,610,660	\$4,670,548
2019	77	49	\$9,908	\$824,753	\$834,661
2020	80	46	\$90,262	\$884,949	\$975,211
2021	80	43	\$19,761	\$620,683	\$640,444
2022	79	41	\$0	\$265,297	\$265,297
		% PM	PM Total Cost	Rehab Total Cost	Total Cost
		2.43%	\$179,819	\$7,206,342	\$7,386,161



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## Needs - Preventive Maintenance Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 01/04/2018

Treatment	Year	Area Treated	Cost
SLURRY SEAL	2018	13,610.09 sq.yd.	\$59,888
	2019	2,186.05 sq.yd.	\$9,908
	2020	19,335.82 sq.yd.	\$90,262
	2021	4,109.69 sq.yd.	\$19,761
	Total	39,241.65	\$179,819
Total Quantity		39,241.65	\$179,819



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## Needs - Rehabilitation Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 01/04/2018

Treatment	Year	Area Treated	Cost
RECONSTRUCT STRUCTURE (AC)	2018	31,124.09 sq.yd.	\$3,641,533
	2019	6,019.27 sq.yd.	\$725,385
	2020	2,976.92 sq.yd.	\$369,513
	2021	2,912.99 sq.yd.	\$372,425
	2022	2,014.63 sq.yd.	\$265,297
	Total	45,047.91 sq.yd.	\$5,374,153
THICK AC OVERLAY(2.5 INCHES)	2018	9,948.05 sq.yd.	\$725,217
	2019	1,323.36 sq.yd.	\$99,368
	2020	6,589.23 sq.yd.	\$509,609
	2021	3,116.46 sq.yd.	\$248,258
	Total	20,977.09 sq.yd.	\$1,582,452
THIN OVERLAY w/FABRIC	2018	3,362.14 sq.yd.	\$204,252
	Total	3,362.14 sq.yd.	\$204,252
SLURRY SEAL	2018	9,012.88 sq.yd.	\$39,658
	2020	1,248.12 sq.yd.	\$5,827
	Total	10,261 sq.yd.	\$45,485
Total Cost			\$7,206,342





# Scenarios - Network Condition Summary

Interest: 5%

Inflation: 3%

Printed: 01/04/2018

Scenario: \$0 Funding Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$0	4%	2020	\$0	4%	2022	\$0	4%
2019	\$0	4%	2021	\$0	4%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	52	52	0	0
2019	49	49	0	0
2020	46	46	0	0
2021	43	43	0	0
2022	41	41	0	0

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	5.8%	24.2%	0.0%	30.0%
II / III	0.0%	9.4%	10.5%	0.0%	19.9%
IV	0.0%	3.0%	24.0%	0.0%	27.1%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	5.8%	24.2%	0.0%	30.0%
II / III	0.0%	9.4%	10.5%	0.0%	19.9%
IV	0.0%	3.0%	24.0%	0.0%	27.1%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	4.9%	20.0%	0.0%	24.9%
II / III	0.0%	1.8%	11.7%	0.0%	13.5%
IV	0.0%	11.1%	16.7%	0.0%	27.8%
V	0.0%	1.2%	32.7%	0.0%	33.8%
Total	0.0%	19.0%	81.0%	0.0%	100.0%



# Scenarios - Cost Summary

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: \$0 Funding Budget

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2018	4%	\$0	II	\$0	Non-Project	\$0	\$4,670,523	Funded	\$0
			III	\$0				Unmet	\$27,875
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2019	4%	\$0	II	\$0	Non-Project	\$0	\$5,430,710	Funded	\$0
			III	\$0				Unmet	\$5,108
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2020	4%	\$0	II	\$0	Non-Project	\$0	\$6,202,795	Funded	\$0
			III	\$0				Unmet	\$4,034
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2021	4%	\$0	II	\$0	Non-Project	\$0	\$7,031,572	Funded	\$0
			III	\$0				Unmet	\$3,965
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2022	4%	\$0	II	\$0	Non-Project	\$0	\$7,077,251	Funded	\$0
			III	\$0				Unmet	\$1,769
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					

<b>Summary</b>				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	\$0	\$0	\$0	\$3,965
Residential/Local	\$0	\$0	\$0	\$38,786
<b>Grand Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42,751</b>





# Scenarios - Network Condition Summary

Interest: 5%

Inflation: 3%

Printed: 01/04/2018

Scenario: Expected Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$435,000	4%	2020	\$23,200	4%	2022	\$23,200	4%
2019	\$23,200	4%	2021	\$23,200	4%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	52	54	0.51	1.02
2019	49	52	0.16	0.32
2020	46	50	0.17	0.35
2021	43	47	0.19	0.38
2022	41	45	0.21	0.43

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	5.8%	24.2%	0.0%	30.0%
II / III	0.0%	9.4%	10.5%	0.0%	19.9%
IV	0.0%	3.0%	24.0%	0.0%	27.1%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	6.6%	29.9%	0.0%	36.5%
II / III	0.0%	8.6%	7.0%	0.0%	15.6%
IV	0.0%	3.0%	23.8%	0.0%	26.8%
V	0.0%	0.7%	20.4%	0.0%	21.1%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	5.8%	26.5%	0.0%	32.3%
II / III	0.0%	0.9%	8.4%	0.0%	9.2%
IV	0.0%	11.1%	16.4%	0.0%	27.5%
V	0.0%	1.2%	29.8%	0.0%	30.9%
Total	0.0%	19.0%	81.0%	0.0%	100.0%



# Scenarios - Cost Summary

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Expected Budget

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	4%	\$435,000	II	\$19,667	Non-Project	\$0	\$4,320,164	Funded	\$3,493	
			III	\$0				Unmet	\$21,710	
			IV	\$0	Project	\$392,365				
			V	\$0						
			Total	\$19,667						
			Project	\$19,480						
2019	4%	\$23,200	II	\$0	Non-Project	\$9,258	\$0	\$4,977,334	Funded	\$4,553
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$0						
			Project	\$9,286						
2020	4%	\$23,200	II	\$5,827	Non-Project	\$4,810	\$0	\$5,659,797	Funded	\$3,328
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$5,827						
			Project	\$8,932						
2021	4%	\$23,200	II	\$14,810	Non-Project	\$3,607	\$0	\$6,491,849	Funded	\$3,527
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$14,810						
			Project	\$0						
2022	4%	\$23,200	II	\$0	Non-Project	\$21,319	\$0	\$6,500,018	Funded	\$1,769
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$0						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	\$10,964	\$12,152	\$3,454	\$187
Residential/Local	\$67,038	\$419,207	\$13,216	\$21,523
<b>Grand Total:</b>	<b>\$78,002</b>	<b>\$431,359</b>	<b>\$16,670</b>	<b>\$21,710</b>



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Expected Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$435,000	4%	2020	\$23,200	4%	2022	\$23,200	4%
2019	\$23,200	4%	2021	\$23,200	4%			

## Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
E OAK ST	RAILROAD AVE	S AUBURN ST	EOAKST	10-R	596	20	11,911	R	AC	63	63	73	\$5,823	18,724	SLURRY SEAL			
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	497	36	17,809	R	AC	62	62	73	\$8,707	18,427	SLURRY SEAL			
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	375	28	10,506	C	AC	64	64	74	\$5,137	20,305	SLURRY SEAL			
												Treatment Total		\$19,667				
**CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	375	32	11,997	R	AC	8	8	100	\$170,555	2,658	RECONSTRUCT STRUCTURE (AC)			
**CULVER ST	W OAK ST	SCHOLTZ AVE	CULVST	40-R	204	32	6,532	R	AC	8	8	100	\$9,472	26,057	RECONSTRUCT STRUCTURE (AC)			
**CULVER ST	SCHOLTZ AVE	NEWMAN ST	CULVST	50-R	146	32	4,684	R	AC	19	19	100	\$6,792	26,057	RECONSTRUCT STRUCTURE (AC)			
												Treatment Total		\$186,819				
**RISING SUN RD	W GRASS VALLEY ST	W CHURCH ST	RISSRD	10-R	381	32	12,285	R	AC	59	59	100	\$221,810	1,795	THICK AC OVERLAY(2.5 INCHES)			
**RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	111	32	3,572	R	AC	45	45	100	\$3,216	41,133	THICK AC OVERLAY(2.5 INCHES)			
												Treatment Total		\$225,026				
Year 2018 Area Total								79,295		Year 2018 Total		\$431,512						

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	382	28	10,686	C	AC	79	77	85	\$5,381	21,926	SLURRY SEAL			
S MAIN ST	WASHINGTON ST	WALNUT ST	SMANST	50-R	275	28	7,698	R	AC	78	77	85	\$3,877	24,643	SLURRY SEAL			
												Treatment Total		\$9,258				
**CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	194	32	6,217	R	AC	25	22	100	\$9,286	25,298	RECONSTRUCT STRUCTURE (AC)			
												Treatment Total		\$9,286				

\*\* - Treatment from Project Selection



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Expected Budget

										Year 2019 Area Total		24,602		Year 2019 Total		\$18,544	
<b>Year: 2020</b>																	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment PCI Before After		Cost	Rating	Treatment		
S MAIN ST	W OAK ST	NEWMAN ST	SMANST	30-C	401	28	11,233	C	AC	73	69	78	\$5,827	22,406	SLURRY SEAL		
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	139	28	3,886	R	AC	85	82	89	\$2,016	14,942	SLURRY SEAL		
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	192	28	5,386	R	AC	86	83	90	\$2,794	14,214	SLURRY SEAL		
										Treatment Total		\$10,637					
**CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	181	32	5,806	R	AC	28	22	100	\$8,932	24,561	RECONSTRUCT STRUCTURE (AC)		
										Treatment Total		\$8,932					
										Year 2020 Area Total		26,310		Year 2020 Total		\$19,569	
<b>Year: 2021</b>																	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment PCI Before After		Cost	Rating	Treatment		
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	773	36	27,722	R	AC	72	68	77	\$14,810	19,929	SLURRY SEAL		
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	241	28	6,751	R	AC	89	84	91	\$3,607	12,931	SLURRY SEAL		
										Treatment Total		\$18,417					
										Year 2021 Area Total		34,473		Year 2021 Total		\$18,417	
<b>Year: 2022</b>																	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment PCI Before After		Cost	Rating	Treatment		
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	738	36	26,438	R	AC	76	71	80	\$14,548	21,149	SLURRY SEAL		
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	391	31	12,305	C	AC	92	85	91	\$6,771	19,169	SLURRY SEAL		
										Treatment Total		\$21,319					
										Year 2022 Area Total		38,743		Year 2022 Total		\$21,319	
										Total Section Area:		203,422		Grand Total		\$509,361	

\*\* - Treatment from Project Selection



# Scenarios - Projected PCIs

Scenario: Expected Budget

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$435,000	4%	2020	\$23,200	4%	2022	\$23,200	4%
2019	\$23,200	4%	2021	\$23,200	4%			

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
BEN TAYLOR RD	RISING SUN CT	CITY LIMIT N	BTAYRD	10-C	58	58		\$0
2018 54	2019 50	2020 46	2021 42	2022 38				
COLFAX AVE	W GRASS VALLEY ST	END SOUTH	CLFXAV	10-R	43	45		\$0
2018 42	2019 40	2020 37	2021 35	2022 32				
CANYON CREEK CIR	CANYON CREEK DR	CANYON CREEK DR	CNYCCR	10-R	93	100		\$0
2018 92	2019 90	2020 88	2021 86	2022 85				
CANYON CREEK DR	CANYON WAY	END	CNYCDR	10-R	93	100		\$0
2018 92	2019 90	2020 88	2021 86	2022 85				
**CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	9	12	2018	\$170,555
2018 100	2019 92	2020 90	2021 88	2022 86				
**CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	26	29	2019	\$9,286
2018 25	2019 100	2020 92	2021 90	2022 88				
**CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	29	32	2020	\$8,932
2018 28	2019 25	2020 100	2021 92	2022 90				
**CULVER ST	W OAK ST	SCHOLTZ AVE	CULVST	40-R	9	12	2018	\$9,472
2018 100	2019 92	2020 90	2021 88	2022 86				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
**CULVER ST	SCHOLTZ AVE	NEWMAN ST	CULVST	50-R	20	23	2018	\$6,792
2018 100	2019 92	2020 90	2021 88	2022 86				
DEPOT ALLEY	GRASS VALLEY ST	CHURCH ST	DEPTAL	10-R	49	51		\$0
2018 48	2019 46	2020 43	2021 40	2022 37				
DEPOT ST	N MAIN ST	PLEASANT ST	DEPTST	10-R	22	25		\$0
2018 21	2019 18	2020 15	2021 11	2022 7				
DEPOT ST	PLEASANT ST	SANDERS LN	DEPTST	20-R	10	13		\$0
2018 9	2019 6	2020 2	2021 0	2022 0				
DEPOT ST	SANDERS LN	JAY ST	DEPTST	30-R	11	14		\$0
2018 10	2019 7	2020 3	2021 0	2022 0				
DINKY AVE	N FOREST HILL ST	HWY 174	DNKYAV	10-R	96	100		\$0
2018 95	2019 91	2020 89	2021 87	2022 86				
EASY WAY	HUNTER LN	END N	EASYWY	10-R	93	100		\$0
2018 92	2019 90	2020 88	2021 86	2022 85				
EASY WAY	PLEASANT ST	EASY WAY W	EASYWY	20-R	94	100		\$0
2018 93	2019 91	2020 88	2021 87	2022 85				
E CHURCH ST	S AUBURN ST	END W	ECHRST	10-C	21	26		\$0
2018 20	2019 14	2020 8	2021 1	2022 0				
E CHURCH ST	S AUBURN ST	S FOREST HILL ST	ECHRST	20-C	53	56		\$0
2018 52	2019 48	2020 44	2021 40	2022 35				
E CHURCH ST	S FOREST HILL ST	S NORTHSTAR AVE	ECHRST	30-C	8	14		\$0
2018 7	2019 0	2020 0	2021 0	2022 0				

\*\* - Treatment from Project Selection

Street Name	Beg Location					End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
E DEPOT ST	N AUBURN ST					N FOREST HILL ST	EDPTST	10-R	12	15		\$0
	2018	2019	2020	2021	2022							
	11	8	4	0	0							
E GRASS VALLEY ST	S MAIN ST					S AUBURN ST	EGRVST	10-R	100	100		\$0
	2018	2019	2020	2021	2022							
	96	92	89	88	86							
E OAK ST	RAILROAD AVE					S AUBURN ST	EOAKST	10-R	64	66	2018	\$5,823
	2018	2019	2020	2021	2022							
	73	72	70	68	66							
E OAK ST	S AUBURN ST					S FOREST HILL ST	EOAKST	20-R	18	21		\$0
	2018	2019	2020	2021	2022							
	17	14	10	7	3							
E OAK ST	S FOREST HILL ST					HWY 174	EOAKST	30-R	39	41		\$0
	2018	2019	2020	2021	2022							
	38	36	33	30	27							
E PARK HILL DR	PLEASANT ST					CITY LIMIT	EPKHDR	10-R	26	29		\$0
	2018	2019	2020	2021	2022							
	25	22	19	16	12							
FIRE HOUSE ALLEY	DEPOT ALLEY					CULVER	FRHSAL	10-R	99	100		\$0
	2018	2019	2020	2021	2022							
	100	92	90	88	86							
GEARHART RD	N MAIN ST					PLEASANT ST	GHRTRD	10-R	65	67		\$0
	2018	2019	2020	2021	2022							
	64	63	61	59	57							
HUNTER LN	PLEASANT ST					END W	HNTRLN	10-R	39	41		\$0
	2018	2019	2020	2021	2022							
	38	36	33	30	27							
INCLINE DR	CANYON CREEK CIR					CANYON CREEK CIR	INCLDR	10-R	93	100		\$0
	2018	2019	2020	2021	2022							
	92	90	88	86	85							
KNEELAND ST	W GRASS VALLEY ST					DEPOT ST	KNLDST	10-R	14	17		\$0
	2018	2019	2020	2021	2022							
	13	10	6	2	0							

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
LINCOLN ST	ROSE AVE	END BARRICADE	LNCLST	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
MARVIN AVE	S AUBURN ST	S FOREST HILL ST	MARVAV	10-R	20	23		\$0
2018 19	2019 16	2020 12	2021 9	2022 5				
MARVIN AVE	S FOREST HILL ST	S NORTHSTAR AVE	MARVAV	20-R	0	67		\$0
2018 65	2019 63	2020 61	2021 59	2022 57				
MARVIN AVE	S NORTHSTAR AVE	SUNRISE AVE	MARVAV	30-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
N AUBURN ST	E DEPOT ST	E GRASS VALLEY ST	NAUBST	10-R	42	44		\$0
2018 41	2019 39	2020 36	2021 33	2022 31				
N CANYON WAY	STEVENS TRAIL	CANYON CT	NCYNWY	10-R	29	32		\$0
2018 28	2019 25	2020 22	2021 19	2022 16				
N DEPOT ST ALLEY	W GRASS VALLEY ST	DEPOT ST	NDPSTA	10-R	15	18		\$0
2018 14	2019 11	2020 7	2021 3	2022 0				
N FOREST HILL ST	DINKY AVE	VISTA AVE	NFRHST	10-R	100	100		\$0
2018 96	2019 92	2020 89	2021 88	2022 86				
N FOREST HILL ST	VISTA AVE	SMITH LANE	NFRHST	20-R	33	36		\$0
2018 32	2019 29	2020 27	2021 23	2022 20				
N FOREST HILL ST	SMITH LANE	MARVIN AVE	NFRHST	30-R	40	42		\$0
2018 39	2019 37	2020 34	2021 31	2022 28				
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	73	74	2021	\$14,810
2018 72	2019 71	2020 70	2021 77	2022 76				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	77	78	2022	\$14,548
2018 76	2019 75	2020 74	2021 73	2022 80				
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	63	65	2018	\$8,707
2018 73	2019 71	2020 69	2021 67	2022 65				
N NORTHSTAR AV	MARVIN AVE	E OAK ST	NRSTAR	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
NEWMAN ST	S MAIN ST	CULVER ST	NWMST	10-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
PINE CT	PINE ST	END	PINECT	10-R	38	40		\$0
2018 37	2019 35	2020 32	2021 29	2022 26				
PINE ST	CULVER ST	PINE CT	PINEST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
PLEASANT ST	DEPOT ST	SCHOOL ST	PLSTST	10-R	8	11		\$0
2018 7	2019 3	2020 0	2021 0	2022 0				
PLEASANT ST	SCHOOL ST	E PARK HILL DR	PLSTST	20-R	12	15		\$0
2018 11	2019 8	2020 4	2021 0	2022 0				
PLEASANT ST	E PARK HILL DR	END N	PLSTST	30-R	14	17		\$0
2018 13	2019 10	2020 6	2021 2	2022 0				
QUINNS LN	S MAIN ST	END - CLUVER	QUINLN	10-R	49	51		\$0
2018 48	2019 46	2020 43	2021 40	2022 37				
RAILROAD AVE	GRASS VALLEY	E OAK ST	RALRAV	10-R	74	75		\$0
2018 73	2019 72	2020 71	2021 69	2022 68				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
RAILROAD AVE	E OAK ST	END	RALRAV	20-R	15	18		\$0
2018 14	2019 11	2020 7	2021 3	2022 0				
**RISING SUN RD	W GRASS VALLEY ST	W CHURCH ST	RISSRD	10-R	60	62	2018	\$221,810
2018 100	2019 92	2020 90	2021 88	2022 87				
**RISING SUN RD	W CHURCH ST	PARKHILL DR	RISSRD	20-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
**RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	46	48	2018	\$3,216
2018 100	2019 92	2020 90	2021 88	2022 87				
ROSE AVE	LINCOLN ST	WASHINGTON ST	ROSEAV	10-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
ROSE AVE	WASHINGTON ST	WALNUT ST	ROSEAV	20-R	13	16		\$0
2018 12	2019 9	2020 5	2021 1	2022 0				
SANDERS	DEPOT ST	DEPOT ST	SANDRS	10-R	61	63		\$0
2018 60	2019 58	2020 56	2021 54	2022 52				
S AUBURN ST	MARVIN AVE	E CHURCH ST	SAUBST	10-C	94	96		\$0
2018 93	2019 91	2020 89	2021 88	2022 86				
S AUBURN ST	E CHURCH ST	E OAK ST	SAUBST	20-C	95	98		\$0
2018 94	2019 92	2020 90	2021 88	2022 87				
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	93	95	2022	\$6,771
2018 92	2019 90	2020 89	2021 87	2022 91				
S AUBURN ST	CENRAL ST	COLFAX OVER X-ING	SAUBST	40-C	95	98		\$0
2018 94	2019 92	2020 90	2021 88	2022 87				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S AUBURN ST	COLFAX OVER X-ING	WHITCOMB AVE	SAUBST	50-C	46	50		\$0
2018 45	2019 41	2020 36	2021 31	2022 26				
S AUBURN ST	WHITCOMB	MINK CREEK	SAUBST	60-C	55	58		\$0
2018 54	2019 51	2020 47	2021 42	2022 38				
S AUBURN ST	MINK CREEK	SHERWOOD CT	SAUBST	70-C	61	64		\$0
2018 60	2019 57	2020 54	2021 50	2022 46				
SCHOOL ST	N MAIN ST	PLEASANT ST	SCHLST	10-R	18	21		\$0
2018 17	2019 14	2020 10	2021 7	2022 3				
SCHOOL HOUSE ALLEY	DEPOT ST	SCHOOL ST	SCHSAL	10-R	28	31		\$0
2018 27	2019 24	2020 21	2021 18	2022 14				
SCHOLTZ AVE	CULVER ST	JEFFERY PL	SCLTZA	10-R	55	57		\$0
2018 54	2019 52	2020 50	2021 47	2022 45				
S FOREST HILL ST	MARVIN AVE	CHURCH ST	SFRHST	10-R	23	26		\$0
2018 22	2019 19	2020 16	2021 12	2022 9				
S FOREST HILL ST	CHURCH ST	OAK ST	SFRHST	20-R	19	22		\$0
2018 18	2019 15	2020 11	2021 8	2022 4				
S FOREST HILL ST	OAK ST	CENTRAL ST	SFRHST	30-R	51	53		\$0
2018 50	2019 48	2020 45	2021 42	2022 40				
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	65	68	2018	\$5,137
2018 74	2019 72	2020 69	2021 67	2022 64				
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	80	82	2019	\$5,381
2018 79	2019 85	2020 83	2021 81	2022 79				

\*\* - Treatment from Project Selection

Street Name	Beg Location					End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S MAIN ST	W OAK ST					NEWMAN ST	SMANST	30-C	74	76	2020	\$5,827
	2018 73	2019 71	2020 78	2021 76	2022 74							
S MAIN ST	NEWMAN ST					WASHINGTON ST	SMANST	40-R	85	87		\$0
	2018 84	2019 83	2020 81	2021 80	2022 78							
S MAIN ST	WASHINGTON ST					WALNUT ST	SMANST	50-R	79	80	2019	\$3,877
	2018 78	2019 85	2020 84	2021 83	2022 82							
SMITH LANE	N FOREST HLL ST					SUNRISE AVE	SMITLN	10-R	38	40		\$0
	2018 37	2019 35	2020 32	2021 29	2022 26							
S STAR AVE	MARVIN					E CHURCH	STARAV	10-R	92	95		\$0
	2018 91	2019 89	2020 87	2021 86	2022 84							
S STAR AVE	E CHURCH					E OAK ST	STARAV	20-R	11	14		\$0
	2018 10	2019 7	2020 3	2021 0	2022 0							
SUNRISE AVE	HWY 174					VISTA AV	SUNRAV	10-R	26	29		\$0
	2018 25	2019 22	2020 19	2021 16	2022 12							
SUNRISE AVE	VISTA AVE					SMITH LN	SUNRAV	20-R	23	26		\$0
	2018 22	2019 19	2020 16	2021 12	2022 9							
SUNRISE AVE	SMITH LN					MARVIN AVE	SUNRAV	30-R	19	22		\$0
	2018 18	2019 15	2020 11	2021 8	2022 4							
SUNSET AVE	W GRASS VALLEY ST					END SOUTH	SUNSAV	10-R	33	36		\$0
	2018 32	2019 29	2020 27	2021 23	2022 20							
SUNSET CIR	W GRASS VALLEY ST					SUNSET AVE	SUNSCR	10-R	18	21		\$0
	2018 17	2019 14	2020 10	2021 7	2022 3							

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
TOKAYANA WAY	RISING SUN RD	CITY LIMIT	TOKYWY	10-C	41	45		\$0
2018 40	2019 35	2020 30	2021 25	2022 19				
VISTA AVE	N FOREST HILL ST	SUNRISE AVE	VISTAV	10-R	18	21		\$0
2018 17	2019 14	2020 10	2021 7	2022 3				
W CHURCH ST	S MAIN ST	CULVER ST	WCHRST	10-R	100	100		\$0
2018 96	2019 92	2020 89	2021 88	2022 86				
W CHURCH ST	CULVER ST	RISING SUN RD	WCHRST	20-R	21	24		\$0
2018 20	2019 17	2020 14	2021 10	2022 6				
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	86	88	2020	\$2,016
2018 85	2019 84	2020 89	2021 87	2022 86				
W GRASS VALLEY ST	N DEPOT ST ALLEY	KNEELAND ST	WGRVST	20-R	92	95		\$0
2018 91	2019 89	2020 87	2021 86	2022 84				
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	87	89	2020	\$2,794
2018 86	2019 85	2020 90	2021 88	2022 86				
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	90	92	2021	\$3,607
2018 89	2019 87	2020 86	2021 91	2022 89				
W GRASS VALLEY ST	RISING SUN RD	SUNSET CIR E END	WGRVST	50-R	35	38		\$0
2018 34	2019 32	2020 29	2021 26	2022 23				
W GRASS VALLEY ST	SUNSET CIR E END	SUNSET AVE	WGRVST	60-R	23	26		\$0
2018 22	2019 19	2020 16	2021 12	2022 9				
WHITCOMB AVE	S AUBURN ST	CORTOPASSI CT	WHTCAV	10-R	24	27		\$0
2018 23	2019 20	2020 17	2021 13	2022 10				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
WHITCOMB AVE	CORTOPASSI CT	END CDS	WHTCAV	20-R	57	59		\$0
2018 56	2019 54	2020 52	2021 49	2022 47				
WALNUT ST	ROSE AVE	S MAIN ST	WLNTST	10-R	33	36		\$0
2018 32	2019 29	2020 27	2021 23	2022 20				
W OAK ST	S MAIN ST	CULVER ST	WOAKST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
W OAK ST	CULVER ST	END W	WOAKST	20-R	13	16		\$0
2018 12	2019 9	2020 5	2021 1	2022 0				
WASHINGTON ST	ROSE AVE	S MAIN ST	WSHTST	10-R	36	38		\$0
2018 35	2019 33	2020 30	2021 27	2022 24				

\*\* - Treatment from Project Selection





# Scenarios - Network Condition Summary

Interest: 5%

Inflation: 3%

Printed: 01/04/2018

Scenario: Maintain PCI 52

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$375,000	4%	2020	\$375,000	4%	2022	\$375,000	4%
2019	\$375,000	4%	2021	\$375,000	4%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	52	54	0.77	1.54
2019	49	53	0.76	1.45
2020	46	53	0.92	1.84
2021	43	52	0.83	1.65
2022	41	52	0.35	0.70

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	5.8%	24.2%	0.0%	30.0%
II / III	0.0%	9.4%	10.5%	0.0%	19.9%
IV	0.0%	3.0%	24.0%	0.0%	27.1%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	13.0%	26.9%	0.0%	39.9%
II / III	0.0%	5.2%	7.8%	0.0%	13.0%
IV	0.0%	0.0%	24.0%	0.0%	24.0%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	10.9%	33.2%	0.0%	44.1%
II / III	0.0%	4.2%	7.3%	0.0%	11.5%
IV	0.0%	3.9%	9.9%	0.0%	13.7%
V	0.0%	0.0%	30.7%	0.0%	30.7%
Total	0.0%	19.0%	81.0%	0.0%	100.0%



# Scenarios - Cost Summary

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Maintain PCI 52

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	4%	\$375,000	II	\$39,658	Non-Project	\$0	\$4,315,174	Funded	\$19,651	
			III	\$17,076				Unmet	\$6,196	
			IV	\$298,617	Project	\$0				
			V	\$0						
			Total	\$355,351						
Project	\$0									
2019	4%	\$375,000	II	\$0	Non-Project	\$39,655	\$0	\$4,763,476	Funded	\$4,836
			III	\$0					Unmet	\$0
			IV	\$292,301	Project	\$0				
			V	\$36,419						
			Total	\$328,720						
Project	\$0									
2020	4%	\$375,000	II	\$5,827	Non-Project	\$50,723	\$0	\$5,514,657	Funded	\$3,572
			III	\$0					Unmet	\$0
			IV	\$310,385	Project	\$0				
			V	\$0						
			Total	\$316,212						
Project	\$0									
2021	4%	\$375,000	II	\$0	Non-Project	\$39,299	\$0	\$5,851,332	Funded	\$2,483
			III	\$0					Unmet	\$0
			IV	\$248,258	Project	\$0				
			V	\$83,000						
			Total	\$331,258						
Project	\$0									
2022	4%	\$375,000	II	\$0	Non-Project	\$19,476	\$0	\$5,492,625	Funded	\$1,769
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$351,450						
			Total	\$351,450						
Project	\$0									

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	\$587,862	\$30,846	\$1,850	\$0
Residential/Local	\$1,095,129	\$118,307	\$30,460	\$6,196
<b>Grand Total:</b>	<b>\$1,682,991</b>	<b>\$149,153</b>	<b>\$32,311</b>	<b>\$6,196</b>



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Maintain PCI 52

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$375,000	4%	2020	\$375,000	4%	2022	\$375,000	4%
2019	\$375,000	4%	2021	\$375,000	4%			

## Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
MARVIN AVE	S FOREST HILL ST	S NORTHSTAR AVE	MARVAV	20-R	135	19	2,530	R	AC	65	65	100	\$17,076	4,326	THIN OVERLAY w/FABRIC
												<b>Treatment Total</b>	<b>\$17,076</b>		
E OAK ST	RAILROAD AVE	S AUBURN ST	EOAKST	10-R	596	20	11,911	R	AC	63	63	73	\$5,823	18,724	SLURRY SEAL
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	497	36	17,809	R	AC	62	62	73	\$8,707	18,427	SLURRY SEAL
S AUBURN ST	MINK CREEK	SHERWOOD CT	SAUBST	70-C	1,278	32	40,891	C	AC	60	60	71	\$19,991	18,620	SLURRY SEAL
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	375	28	10,506	C	AC	64	64	74	\$5,137	20,305	SLURRY SEAL
												<b>Treatment Total</b>	<b>\$39,658</b>		
S AUBURN ST	COLFAX OVER X-ING	WHITCOMB AVE	SAUBST	50-C	994	31	31,286	C	AC	45	45	100	\$253,419	5,631	THICK AC OVERLAY(2.5 INCHES)
TOKAYANA WAY	RISING SUN RD	CITY LIMIT	TOKYWY	10-C	186	30	5,580	C	AC	40	40	100	\$45,198	5,739	THICK AC OVERLAY(2.5 INCHES)
												<b>Treatment Total</b>	<b>\$298,617</b>		
<b>Year 2018 Area Total</b>								<b>120,512</b>		<b>Year 2018 Total</b>		<b>\$355,351</b>			

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	738	36	26,438	R	AC	76	75	84	\$13,313	23,554	SLURRY SEAL
RAILROAD AVE	GRASS VALLEY	E OAK ST	RALRAV	10-R	720	32	23,027	R	AC	73	72	81	\$11,596	22,011	SLURRY SEAL
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	382	28	10,686	C	AC	79	77	85	\$5,381	21,926	SLURRY SEAL
S MAIN ST	NEWMAN ST	WASHINGTON ST	SMANST	40-R	389	28	10,898	R	AC	84	83	90	\$5,488	14,911	SLURRY SEAL
S MAIN ST	WASHINGTON ST	WALNUT ST	SMANST	50-R	275	28	7,698	R	AC	78	77	85	\$3,877	24,643	SLURRY SEAL
												<b>Treatment Total</b>	<b>\$39,655</b>		

\*\* - Treatment from Project Selection



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Maintain PCI 52

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
E CHURCH ST	S FOREST HILL ST	S NORTHSTAR AVE	ECHRST	30-C	136	20	2,720	C	AC	7	0	100	\$36,419	3,562	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$36,419		
COLFAX AVE	W GRASS VALLEY ST	END SOUTH	CLFXAV	10-R	300	32	9,601	R	AC	42	40	100	\$80,101	4,568	THICK AC OVERLAY(2.5 INCHES)
DEPOT ALLEY	GRASS VALLEY ST	CHURCH ST	DEPTAL	10-R	355	28	9,952	R	AC	48	46	100	\$83,028	4,459	THICK AC OVERLAY(2.5 INCHES)
E CHURCH ST	S AUBURN ST	S FOREST HILL ST	ECHRST	20-C	199	20	3,988	C	AC	52	48	100	\$33,276	5,378	THICK AC OVERLAY(2.5 INCHES)
RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	111	32	3,572	R	AC	45	43	100	\$29,804	4,501	THICK AC OVERLAY(2.5 INCHES)
S FOREST HILL ST	OAK ST	CENTRAL ST	SFRHST	30-R	396	20	7,922	R	AC	50	48	100	\$66,092	4,399	THICK AC OVERLAY(2.5 INCHES)
												Treatment Total	\$292,301		
							Year 2019 Area Total	116,502			Year 2019 Total	\$368,375			

## Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
EASY WAY	HUNTER LN	END N	EASYWY	10-R	279	22	6,224	R	AC	92	88	94	\$3,228	8,942	SLURRY SEAL
EASY WAY	PLEASANT ST	EASY WAY W	EASYWY	20-R	186	22	4,149	R	AC	93	88	94	\$2,152	8,203	SLURRY SEAL
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	773	36	27,722	R	AC	72	70	79	\$14,379	20,724	SLURRY SEAL
S AUBURN ST	MARVIN AVE	E CHURCH ST	SAUBST	10-C	371	31	11,690	C	AC	93	89	95	\$6,063	15,743	SLURRY SEAL
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	391	31	12,305	C	AC	92	89	94	\$6,383	16,949	SLURRY SEAL
S MAIN ST	W OAK ST	NEWMAN ST	SMANST	30-C	401	28	11,233	C	AC	73	69	78	\$5,827	22,406	SLURRY SEAL
S STAR AVE	MARVIN	E CHURCH	STARAV	10-R	381	32	12,183	R	AC	91	87	93	\$6,320	9,778	SLURRY SEAL
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	139	28	3,886	R	AC	85	82	89	\$2,016	14,942	SLURRY SEAL
W GRASS VALLEY ST	N DEPOT ST ALLEY	KNEELAND ST	WGRVST	20-R	268	28	7,491	R	AC	91	87	93	\$3,886	9,802	SLURRY SEAL
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	192	28	5,386	R	AC	86	83	90	\$2,794	14,214	SLURRY SEAL
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	241	28	6,751	R	AC	89	86	92	\$3,502	11,617	SLURRY SEAL

\*\* - Treatment from Project Selection



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Maintain PCI 52

										Treatment Total			\$56,550		
BEN TAYLOR RD	RISING SUN CT	CITY LIMIT N	BTAYRD	10-C	384	32	12,288	C	AC	57	46	100	\$105,595	5,267	THICK AC OVERLAY(2.5 INCHES)
QUINNS LN	S MAIN ST	END - CLUVER	QUINLN	10-R	851	28	23,831	R	AC	48	43	100	\$204,790	4,392	THICK AC OVERLAY(2.5 INCHES)
										Treatment Total			\$310,385		
							<b>Year 2020 Area Total</b>		<b>145,138</b>		<b>Year 2020 Total</b>			<b>\$366,935</b>	

## Year: 2021

										Treatment					
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	PCI Before	PCI After	Cost	Rating	Treatment
CANYON CREEK CIR	CANYON CREEK DR	CANYON CREEK DR	CNYCCR	10-R	1,049	32	33,571	R	AC	92	86	92	\$17,935	10,788	SLURRY SEAL
INCLINE DR	CANYON CREEK CIR	CANYON CREEK CIR	INCLDR	10-R	488	32	15,620	R	AC	92	86	92	\$8,345	10,788	SLURRY SEAL
S AUBURN ST	E CHURCH ST	E OAK ST	SAUBST	20-C	443	31	13,935	C	AC	94	88	94	\$7,445	16,590	SLURRY SEAL
S AUBURN ST	CENRAL ST	COLFAX OVER X-ING	SAUBST	40-C	332	31	10,433	C	AC	94	88	94	\$5,574	16,590	SLURRY SEAL
										Treatment Total			\$39,299		
E CHURCH ST	S AUBURN ST	END W	ECHRST	10-C	292	20	5,843	C	AC	20	1	100	\$83,000	3,358	RECONSTRUCT STRUCTURE (AC)
										Treatment Total			\$83,000		
SCHOLTZ AVE	CULVER ST	JEFFERY PL	SCLTZA	10-R	363	32	11,623	R	AC	54	47	100	\$102,880	4,155	THICK AC OVERLAY(2.5 INCHES)
WHITCOMB AVE	CORTOPASSI CT	END CDS	WHTCAV	20-R	1,392	12	16,425	R	AC	56	49	100	\$145,378	4,083	THICK AC OVERLAY(2.5 INCHES)
										Treatment Total			\$248,258		
							<b>Year 2021 Area Total</b>		<b>107,450</b>		<b>Year 2021 Total</b>			<b>\$370,557</b>	

## Year: 2022

										Treatment					
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	PCI Before	PCI After	Cost	Rating	Treatment
CANYON CREEK DR	CANYON WAY	END	CNYCDR	10-R	1,106	32	35,395	R	AC	92	85	91	\$19,476	12,155	SLURRY SEAL
										Treatment Total			\$19,476		
CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	375	32	11,997	R	AC	8	0	100	\$175,533	2,582	RECONSTRUCT STRUCTURE (AC)

\*\* - Treatment from Project Selection

Scenarios Criteria:



City of Colfax  
33 South Main St  
Colfax, CA 95713

## Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Maintain PCI 52

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	194	32	6,217	R	AC	25	12	100	\$90,969	2,582	RECONSTRUCT STRUCTURE (AC)	
CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	181	32	5,806	R	AC	28	16	100	\$84,948	2,582	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total	\$351,450			
Year 2022 Area Total								59,414		Year 2022 Total		\$370,926				
Total Section Area:								549,016		Grand Total		\$1,832,144				



# Scenarios - Projected PCIs

Scenario: Maintain PCI 52

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$375,000	4%	2020	\$375,000	4%	2022	\$375,000	4%
2019	\$375,000	4%	2021	\$375,000	4%			

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
BEN TAYLOR RD	RISING SUN CT	CITY LIMIT N	BTAYRD	10-C	58	58	2020	\$105,595
2018 54	2019 50	2020 100	2021 90	2022 88				
COLFAX AVE	W GRASS VALLEY ST	END SOUTH	CLFXAV	10-R	43	45	2019	\$80,101
2018 42	2019 100	2020 92	2021 90	2022 88				
CANYON CREEK CIR	CANYON CREEK DR	CANYON CREEK DR	CNYCCR	10-R	93	100	2021	\$17,935
2018 92	2019 90	2020 88	2021 92	2022 90				
CANYON CREEK DR	CANYON WAY	END	CNYCDR	10-R	93	100	2022	\$19,476
2018 92	2019 90	2020 88	2021 86	2022 91				
CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	9	12	2018	\$175,533
2018 8	2019 5	2020 1	2021 0	2022 100				
CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	26	29	2019	\$90,969
2018 25	2019 22	2020 19	2021 16	2022 100				
CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	29	32	2020	\$84,948
2018 28	2019 25	2020 22	2021 19	2022 100				
CULVER ST	W OAK ST	SCHOLTZ AVE	CULVST	40-R	9	12	2018	\$0
2018 8	2019 5	2020 1	2021 0	2022 0				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
CULVER ST	SCHOLTZ AVE	NEWMAN ST	CULVST	50-R	20	23	2018	\$0
2018 19	2019 16	2020 13	2021 9	2022 5				
DEPOT ALLEY	GRASS VALLEY ST	CHURCH ST	DEPTAL	10-R	49	51	2019	\$83,028
2018 48	2019 100	2020 92	2021 90	2022 88				
DEPOT ST	N MAIN ST	PLEASANT ST	DEPTST	10-R	22	25		\$0
2018 21	2019 18	2020 15	2021 11	2022 7				
DEPOT ST	PLEASANT ST	SANDERS LN	DEPTST	20-R	10	13		\$0
2018 9	2019 6	2020 2	2021 0	2022 0				
DEPOT ST	SANDERS LN	JAY ST	DEPTST	30-R	11	14		\$0
2018 10	2019 7	2020 3	2021 0	2022 0				
DINKY AVE	N FOREST HILL ST	HWY 174	DNKYAV	10-R	96	100		\$0
2018 95	2019 91	2020 89	2021 87	2022 86				
EASY WAY	HUNTER LN	END N	EASYWY	10-R	93	100	2020	\$3,228
2018 92	2019 90	2020 94	2021 91	2022 89				
EASY WAY	PLEASANT ST	EASY WAY W	EASYWY	20-R	94	100	2020	\$2,152
2018 93	2019 91	2020 94	2021 91	2022 89				
E CHURCH ST	S AUBURN ST	END W	ECHRST	10-C	21	26	2021	\$83,000
2018 20	2019 14	2020 8	2021 100	2022 95				
E CHURCH ST	S AUBURN ST	S FOREST HILL ST	ECHRST	20-C	53	56	2019	\$33,276
2018 52	2019 100	2020 90	2021 88	2022 86				
E CHURCH ST	S FOREST HILL ST	S NORTHSTAR AVE	ECHRST	30-C	8	14	2019	\$36,419
2018 7	2019 100	2020 95	2021 92	2022 91				

\*\* - Treatment from Project Selection

Street Name	Beg Location					End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
E DEPOT ST	N AUBURN ST					N FOREST HILL ST	EDPTST	10-R	12	15		\$0
	2018	2019	2020	2021	2022							
	11	8	4	0	0							
E GRASS VALLEY ST	S MAIN ST					S AUBURN ST	EGRVST	10-R	100	100		\$0
	2018	2019	2020	2021	2022							
	96	92	89	88	86							
E OAK ST	RAILROAD AVE					S AUBURN ST	EOAKST	10-R	64	66	2018	\$5,823
	2018	2019	2020	2021	2022							
	73	72	70	68	66							
E OAK ST	S AUBURN ST					S FOREST HILL ST	EOAKST	20-R	18	21		\$0
	2018	2019	2020	2021	2022							
	17	14	10	7	3							
E OAK ST	S FOREST HILL ST					HWY 174	EOAKST	30-R	39	41		\$0
	2018	2019	2020	2021	2022							
	38	36	33	30	27							
E PARK HILL DR	PLEASANT ST					CITY LIMIT	EPKHDR	10-R	26	29		\$0
	2018	2019	2020	2021	2022							
	25	22	19	16	12							
FIRE HOUSE ALLEY	DEPOT ALLEY					CULVER	FRHSAL	10-R	99	100		\$0
	2018	2019	2020	2021	2022							
	100	92	90	88	86							
GEARHART RD	N MAIN ST					PLEASANT ST	GHRTRD	10-R	65	67		\$0
	2018	2019	2020	2021	2022							
	64	63	61	59	57							
HUNTER LN	PLEASANT ST					END W	HNTRLN	10-R	39	41		\$0
	2018	2019	2020	2021	2022							
	38	36	33	30	27							
INCLINE DR	CANYON CREEK CIR					CANYON CREEK CIR	INCLDR	10-R	93	100	2021	\$8,345
	2018	2019	2020	2021	2022							
	92	90	88	92	90							
KNEELAND ST	W GRASS VALLEY ST					DEPOT ST	KNLDST	10-R	14	17		\$0
	2018	2019	2020	2021	2022							
	13	10	6	2	0							

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
LINCOLN ST	ROSE AVE	END BARRICADE	LNCLST	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
MARVIN AVE	S AUBURN ST	S FOREST HILL ST	MARVAV	10-R	20	23		\$0
2018 19	2019 16	2020 12	2021 9	2022 5				
MARVIN AVE	S FOREST HILL ST	S NORTHSTAR AVE	MARVAV	20-R	0	67	2018	\$17,076
2018 100	2019 92	2020 90	2021 88	2022 87				
MARVIN AVE	S NORTHSTAR AVE	SUNRISE AVE	MARVAV	30-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
N AUBURN ST	E DEPOT ST	E GRASS VALLEY ST	NAUBST	10-R	42	44		\$0
2018 41	2019 39	2020 36	2021 33	2022 31				
N CANYON WAY	STEVENS TRAIL	CANYON CT	NCYNWY	10-R	29	32		\$0
2018 28	2019 25	2020 22	2021 19	2022 16				
N DEPOT ST ALLEY	W GRASS VALLEY ST	DEPOT ST	NDPSTA	10-R	15	18		\$0
2018 14	2019 11	2020 7	2021 3	2022 0				
N FOREST HILL ST	DINKY AVE	VISTA AVE	NFRHST	10-R	100	100		\$0
2018 96	2019 92	2020 89	2021 88	2022 86				
N FOREST HILL ST	VISTA AVE	SMITH LANE	NFRHST	20-R	33	36		\$0
2018 32	2019 29	2020 27	2021 23	2022 20				
N FOREST HILL ST	SMITH LANE	MARVIN AVE	NFRHST	30-R	40	42		\$0
2018 39	2019 37	2020 34	2021 31	2022 28				
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	73	74	2020	\$14,379
2018 72	2019 71	2020 79	2021 77	2022 76				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	77	78	2019	\$13,313
2018 76	2019 84	2020 82	2021 81	2022 80				
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	63	65	2018	\$8,707
2018 73	2019 71	2020 69	2021 67	2022 65				
N NORTHSTAR AV	MARVIN AVE	E OAK ST	NRSTAR	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
NEWMAN ST	S MAIN ST	CULVER ST	NWMST	10-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
PINE CT	PINE ST	END	PINECT	10-R	38	40		\$0
2018 37	2019 35	2020 32	2021 29	2022 26				
PINE ST	CULVER ST	PINE CT	PINEST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
PLEASANT ST	DEPOT ST	SCHOOL ST	PLSTST	10-R	8	11		\$0
2018 7	2019 3	2020 0	2021 0	2022 0				
PLEASANT ST	SCHOOL ST	E PARK HILL DR	PLSTST	20-R	12	15		\$0
2018 11	2019 8	2020 4	2021 0	2022 0				
PLEASANT ST	E PARK HILL DR	END N	PLSTST	30-R	14	17		\$0
2018 13	2019 10	2020 6	2021 2	2022 0				
QUINNS LN	S MAIN ST	END - CLUVER	QUINLN	10-R	49	51	2020	\$204,790
2018 48	2019 46	2020 100	2021 92	2022 90				
RAILROAD AVE	GRASS VALLEY	E OAK ST	RALRAV	10-R	74	75	2019	\$11,596
2018 73	2019 81	2020 80	2021 78	2022 77				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
RAILROAD AVE	E OAK ST	END	RALRAV	20-R	15	18		\$0
2018 14	2019 11	2020 7	2021 3	2022 0				
RISING SUN RD	W GRASS VALLEY ST	W CHURCH ST	RISSRD	10-R	60	62	2018	\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
RISING SUN RD	W CHURCH ST	PARKHILL DR	RISSRD	20-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	46	48	2018	\$29,804
2018 45	2019 100	2020 92	2021 90	2022 88				
ROSE AVE	LINCOLN ST	WASHINGTON ST	ROSEAV	10-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
ROSE AVE	WASHINGTON ST	WALNUT ST	ROSEAV	20-R	13	16		\$0
2018 12	2019 9	2020 5	2021 1	2022 0				
SANDERS	DEPOT ST	DEPOT ST	SANDRS	10-R	61	63		\$0
2018 60	2019 58	2020 56	2021 54	2022 52				
S AUBURN ST	MARVIN AVE	E CHURCH ST	SAUBST	10-C	94	96	2020	\$6,063
2018 93	2019 91	2020 95	2021 93	2022 91				
S AUBURN ST	E CHURCH ST	E OAK ST	SAUBST	20-C	95	98	2021	\$7,445
2018 94	2019 92	2020 90	2021 94	2022 92				
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	93	95	2020	\$6,383
2018 92	2019 90	2020 94	2021 92	2022 90				
S AUBURN ST	CENRAL ST	COLFAX OVER X-ING	SAUBST	40-C	95	98	2021	\$5,574
2018 94	2019 92	2020 90	2021 94	2022 92				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S AUBURN ST	COLFAX OVER X-ING	WHITCOMB AVE	SAUBST	50-C	46	50	2018	\$253,419
2018 100	2019 90	2020 88	2021 86	2022 84				
S AUBURN ST	WHITCOMB	MINK CREEK	SAUBST	60-C	55	58		\$0
2018 54	2019 51	2020 47	2021 42	2022 38				
S AUBURN ST	MINK CREEK	SHERWOOD CT	SAUBST	70-C	61	64	2018	\$19,991
2018 71	2019 68	2020 66	2021 63	2022 60				
SCHOOL ST	N MAIN ST	PLEASANT ST	SCHLST	10-R	18	21		\$0
2018 17	2019 14	2020 10	2021 7	2022 3				
SCHOOL HOUSE ALLEY	DEPOT ST	SCHOOL ST	SCHSAL	10-R	28	31		\$0
2018 27	2019 24	2020 21	2021 18	2022 14				
SCHOLTZ AVE	CULVER ST	JEFFERY PL	SCLTZA	10-R	55	57	2021	\$102,880
2018 54	2019 52	2020 50	2021 100	2022 92				
S FOREST HILL ST	MARVIN AVE	CHURCH ST	SFRHST	10-R	23	26		\$0
2018 22	2019 19	2020 16	2021 12	2022 9				
S FOREST HILL ST	CHURCH ST	OAK ST	SFRHST	20-R	19	22		\$0
2018 18	2019 15	2020 11	2021 8	2022 4				
S FOREST HILL ST	OAK ST	CENTRAL ST	SFRHST	30-R	51	53	2019	\$66,092
2018 50	2019 100	2020 92	2021 90	2022 88				
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	65	68	2018	\$5,137
2018 74	2019 72	2020 69	2021 67	2022 64				
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	80	82	2019	\$5,381
2018 79	2019 85	2020 83	2021 81	2022 79				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S MAIN ST	W OAK ST	NEWMAN ST	SMANST	30-C	74	76	2020	\$5,827
2018 73	2019 71	2020 78	2021 76	2022 74				
S MAIN ST	NEWMAN ST	WASHINGTON ST	SMANST	40-R	85	87	2019	\$5,488
2018 84	2019 90	2020 88	2021 86	2022 84				
S MAIN ST	WASHINGTON ST	WALNUT ST	SMANST	50-R	79	80	2019	\$3,877
2018 78	2019 85	2020 84	2021 83	2022 82				
SMITH LANE	N FOREST HLL ST	SUNRISE AVE	SMITLN	10-R	38	40		\$0
2018 37	2019 35	2020 32	2021 29	2022 26				
S STAR AVE	MARVIN	E CHURCH	STARAV	10-R	92	95	2020	\$6,320
2018 91	2019 89	2020 93	2021 91	2022 88				
S STAR AVE	E CHURCH	E OAK ST	STARAV	20-R	11	14		\$0
2018 10	2019 7	2020 3	2021 0	2022 0				
SUNRISE AVE	HWY 174	VISTA AV	SUNRAV	10-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
SUNRISE AVE	VISTA AVE	SMITH LN	SUNRAV	20-R	23	26		\$0
2018 22	2019 19	2020 16	2021 12	2022 9				
SUNRISE AVE	SMITH LN	MARVIN AVE	SUNRAV	30-R	19	22		\$0
2018 18	2019 15	2020 11	2021 8	2022 4				
SUNSET AVE	W GRASS VALLEY ST	END SOUTH	SUNSAV	10-R	33	36		\$0
2018 32	2019 29	2020 27	2021 23	2022 20				
SUNSET CIR	W GRASS VALLEY ST	SUNSET AVE	SUNSCR	10-R	18	21		\$0
2018 17	2019 14	2020 10	2021 7	2022 3				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
TOKAYANA WAY	RISING SUN RD	CITY LIMIT	TOKYWY	10-C	41	45	2018	\$45,198
2018 100	2019 90	2020 88	2021 86	2022 84				
VISTA AVE	N FOREST HILL ST	SUNRISE AVE	VISTAV	10-R	18	21		\$0
2018 17	2019 14	2020 10	2021 7	2022 3				
W CHURCH ST	S MAIN ST	CULVER ST	WCHRST	10-R	100	100		\$0
2018 96	2019 92	2020 89	2021 88	2022 86				
W CHURCH ST	CULVER ST	RISING SUN RD	WCHRST	20-R	21	24		\$0
2018 20	2019 17	2020 14	2021 10	2022 6				
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	86	88	2020	\$2,016
2018 85	2019 84	2020 89	2021 87	2022 86				
W GRASS VALLEY ST	N DEPOT ST ALLEY	KNEELAND ST	WGRVST	20-R	92	95	2020	\$3,886
2018 91	2019 89	2020 93	2021 90	2022 88				
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	87	89	2020	\$2,794
2018 86	2019 85	2020 90	2021 88	2022 86				
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	90	92	2020	\$3,502
2018 89	2019 87	2020 92	2021 90	2022 88				
W GRASS VALLEY ST	RISING SUN RD	SUNSET CIR E END	WGRVST	50-R	35	38		\$0
2018 34	2019 32	2020 29	2021 26	2022 23				
W GRASS VALLEY ST	SUNSET CIR E END	SUNSET AVE	WGRVST	60-R	23	26		\$0
2018 22	2019 19	2020 16	2021 12	2022 9				
WHITCOMB AVE	S AUBURN ST	CORTOPASSI CT	WHTCAV	10-R	24	27		\$0
2018 23	2019 20	2020 17	2021 13	2022 10				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
WHITCOMB AVE	CORTOPASSI CT	END CDS	WHTCAV	20-R	57	59	2021	\$145,378
2018 56	2019 54	2020 52	2021 100	2022 92				
WALNUT ST	ROSE AVE	S MAIN ST	WLNTST	10-R	33	36		\$0
2018 32	2019 29	2020 27	2021 23	2022 20				
W OAK ST	S MAIN ST	CULVER ST	WOAKST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
W OAK ST	CULVER ST	END W	WOAKST	20-R	13	16		\$0
2018 12	2019 9	2020 5	2021 1	2022 0				
WASHINGTON ST	ROSE AVE	S MAIN ST	WSHTST	10-R	36	38		\$0
2018 35	2019 33	2020 30	2021 27	2022 24				

\*\* - Treatment from Project Selection





# Scenarios - Network Condition Summary

Interest: 5%

Inflation: 3%

Printed: 01/04/2018

Scenario: Increase PCI to 57

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$575,000	4%	2020	\$575,000	4%	2022	\$575,000	4%
2019	\$575,000	4%	2021	\$575,000	4%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	52	55	1.19	2.38
2019	49	56	0.80	1.53
2020	46	56	1.10	2.20
2021	43	56	0.80	1.60
2022	41	57	0.66	1.33

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	5.8%	24.2%	0.0%	30.0%
II / III	0.0%	9.4%	10.5%	0.0%	19.9%
IV	0.0%	3.0%	24.0%	0.0%	27.1%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	13.0%	28.8%	0.0%	41.8%
II / III	0.0%	5.2%	6.6%	0.0%	11.8%
IV	0.0%	0.0%	23.3%	0.0%	23.3%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	14.7%	37.4%	0.0%	52.1%
II / III	0.0%	4.2%	6.1%	0.0%	10.3%
IV	0.0%	0.0%	9.4%	0.0%	9.4%
V	0.0%	0.0%	28.2%	0.0%	28.2%
Total	0.0%	19.0%	81.0%	0.0%	100.0%



# Scenarios - Cost Summary

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Increase PCI to 57

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	4%	\$575,000	II	\$39,658	Non-Project	\$21,915	\$0	\$4,121,180	Funded	\$25,434
			III	\$113,972					Unmet	\$0
			IV	\$373,804	Project	\$0				
			V	\$0						
			Total	\$527,434						
		Project	\$0							
2019	4%	\$575,000	II	\$0	Non-Project	\$30,225	\$0	\$4,509,693	Funded	\$4,836
			III	\$0					Unmet	\$0
			IV	\$461,323	Project	\$0				
			V	\$78,236						
			Total	\$539,559						
		Project	\$0							
2020	4%	\$575,000	II	\$5,827	Non-Project	\$54,599	\$0	\$5,050,160	Funded	\$2,463
			III	\$0					Unmet	\$0
			IV	\$509,609	Project	\$0				
			V	\$0						
			Total	\$515,436						
		Project	\$0							
2021	4%	\$575,000	II	\$0	Non-Project	\$26,660	\$0	\$5,171,164	Funded	\$2,483
			III	\$0					Unmet	\$0
			IV	\$248,258	Project	\$0				
			V	\$297,376						
			Total	\$545,634						
		Project	\$0							
2022	4%	\$575,000	II	\$0	Non-Project	\$34,053	\$0	\$5,024,472	Funded	\$1,769
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$533,074						
			Total	\$533,074						
		Project	\$0							

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	\$989,329	\$30,690	\$742	\$0
Residential/Local	\$1,671,808	\$136,762	\$36,243	\$0
<b>Grand Total:</b>	<b>\$2,661,137</b>	<b>\$167,452</b>	<b>\$36,985</b>	<b>\$0</b>



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Increase PCI to 57

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$575,000	4%	2020	\$575,000	4%	2022	\$575,000	4%
2019	\$575,000	4%	2021	\$575,000	4%			

## Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	Surf FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
MARVIN AVE	S FOREST HILL ST	S NORTHSTAR AVE	MARVAV	20-R	135	19	2,530	R	AC	65	65	100	\$17,076	4,326	THIN OVERLAY w/FABRIC
SANDERS	DEPOT ST	DEPOT ST	SANDRS	10-R	449	32	14,355	R	AC	60	60	100	\$96,896	4,719	THIN OVERLAY w/FABRIC
												<b>Treatment Total</b>	<b>\$113,972</b>		
E OAK ST	RAILROAD AVE	S AUBURN ST	EOAKST	10-R	596	20	11,911	R	AC	63	63	73	\$5,823	18,724	SLURRY SEAL
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	738	36	26,438	R	AC	76	76	85	\$12,926	24,280	SLURRY SEAL
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	497	36	17,809	R	AC	62	62	73	\$8,707	18,427	SLURRY SEAL
S AUBURN ST	MINK CREEK	SHERWOOD CT	SAUBST	70-C	1,278	32	40,891	C	AC	60	60	71	\$19,991	18,620	SLURRY SEAL
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	375	28	10,506	C	AC	64	64	74	\$5,137	20,305	SLURRY SEAL
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	382	28	10,686	C	AC	79	79	87	\$5,225	22,793	SLURRY SEAL
S MAIN ST	WASHINGTON ST	WALNUT ST	SMANST	50-R	275	28	7,698	R	AC	78	78	86	\$3,764	25,321	SLURRY SEAL
												<b>Treatment Total</b>	<b>\$61,573</b>		
N AUBURN ST	E DEPOT ST	E GRASS VALLEY ST	NAUBST	10-R	272	21	5,710	R	AC	41	41	100	\$46,251	4,675	THICK AC OVERLAY(2.5 INCHES)
RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	111	32	3,572	R	AC	45	45	100	\$28,936	4,570	THICK AC OVERLAY(2.5 INCHES)
S AUBURN ST	COLFAX OVER X-ING	WHITCOMB AVE	SAUBST	50-C	994	31	31,286	C	AC	45	45	100	\$253,419	5,631	THICK AC OVERLAY(2.5 INCHES)
TOKAYANA WAY	RISING SUN RD	CITY LIMIT	TOKYWY	10-C	186	30	5,580	C	AC	40	40	100	\$45,198	5,739	THICK AC OVERLAY(2.5 INCHES)
												<b>Treatment Total</b>	<b>\$373,804</b>		
<b>Year 2018 Area Total</b>								<b>188,971</b>		<b>Year 2018 Total</b>		<b>\$549,349</b>			



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Increase PCI to 57

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	773	36	27,722	R	AC	72	71	80	\$13,960	21,512	SLURRY SEAL		
RAILROAD AVE	GRASS VALLEY	E OAK ST	RALRAV	10-R	720	32	23,027	R	AC	73	72	81	\$11,596	22,011	SLURRY SEAL		
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	139	28	3,886	R	AC	85	84	91	\$1,957	14,067	SLURRY SEAL		
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	192	28	5,386	R	AC	86	85	91	\$2,712	13,092	SLURRY SEAL		
												<b>Treatment Total</b>		<b>\$30,225</b>			
E CHURCH ST	S AUBURN ST	END W	ECHRST	10-C	292	20	5,843	C	AC	20	14	100	\$78,236	3,562	RECONSTRUCT STRUCTURE (AC)		
												<b>Treatment Total</b>		<b>\$78,236</b>			
COLFAX AVE	W GRASS VALLEY ST	END SOUTH	CLFXAV	10-R	300	32	9,601	R	AC	42	40	100	\$80,101	4,568	THICK AC OVERLAY(2.5 INCHES)		
DEPOT ALLEY	GRASS VALLEY ST	CHURCH ST	DEPTAL	10-R	355	28	9,952	R	AC	48	46	100	\$83,028	4,459	THICK AC OVERLAY(2.5 INCHES)		
E CHURCH ST	S AUBURN ST	S FOREST HILL ST	ECHRST	20-C	199	20	3,988	C	AC	52	48	100	\$33,276	5,378	THICK AC OVERLAY(2.5 INCHES)		
QUINNS LN	S MAIN ST	END - CLUVER	QUINLN	10-R	851	28	23,831	R	AC	48	46	100	\$198,826	4,459	THICK AC OVERLAY(2.5 INCHES)		
S FOREST HILL ST	OAK ST	CENTRAL ST	SFRHST	30-R	396	20	7,922	R	AC	50	48	100	\$66,092	4,399	THICK AC OVERLAY(2.5 INCHES)		
												<b>Treatment Total</b>		<b>\$461,323</b>			
							<b>Year 2019 Area Total</b>		<b>121,158</b>	<b>Year 2019 Total</b>		<b>\$569,784</b>					

## Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
CANYON CREEK CIR	CANYON CREEK DR	CANYON CREEK DR	CNYCCR	10-R	1,049	32	33,571	R	AC	92	88	94	\$17,412	8,915	SLURRY SEAL
EASY WAY	HUNTER LN	END N	EASYWY	10-R	279	22	6,224	R	AC	92	88	94	\$3,228	8,942	SLURRY SEAL
EASY WAY	PLEASANT ST	EASY WAY W	EASYWY	20-R	186	22	4,149	R	AC	93	88	94	\$2,152	8,203	SLURRY SEAL
S AUBURN ST	MARVIN AVE	E CHURCH ST	SAUBST	10-C	371	31	11,690	C	AC	93	89	95	\$6,063	15,743	SLURRY SEAL
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	391	31	12,305	C	AC	92	89	94	\$6,383	16,949	SLURRY SEAL
S MAIN ST	W OAK ST	NEWMAN ST	SMANST	30-C	401	28	11,233	C	AC	73	69	78	\$5,827	22,406	SLURRY SEAL
S MAIN ST	NEWMAN ST	WASHINGTON ST	SMANST	40-R	389	28	10,898	R	AC	84	81	89	\$5,653	15,608	SLURRY SEAL

\*\* - Treatment from Project Selection



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Increase PCI to 57

## Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
S STAR AVE	MARVIN	E CHURCH	STARAV	10-R	381	32	12,183	R	AC	91	87	93	\$6,320	9,778	SLURRY SEAL		
W GRASS VALLEY ST	N DEPOT ST ALLEY	KNEELAND ST	WGRVST	20-R	268	28	7,491	R	AC	91	87	93	\$3,886	9,802	SLURRY SEAL		
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	241	28	6,751	R	AC	89	86	92	\$3,502	11,617	SLURRY SEAL		
												<b>Treatment Total</b>		<b>\$60,426</b>			
BEN TAYLOR RD	RISING SUN CT	CITY LIMIT N	BTAYRD	10-C	384	32	12,288	C	AC	57	46	100	\$105,595	5,267	THICK AC OVERLAY(2.5 INCHES)		
S AUBURN ST	WHITCOMB	MINK CREEK	SAUBST	60-C	1,469	32	47,015	C	AC	54	47	100	\$404,014	5,264	THICK AC OVERLAY(2.5 INCHES)		
												<b>Treatment Total</b>		<b>\$509,609</b>			
<b>Year 2020 Area Total</b>							<b>175,797</b>	<b>Year 2020 Total</b>					<b>\$570,035</b>				

## Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
E GRASS VALLEY ST	S MAIN ST	S AUBURN ST	EGRVST	10-R	503	20	9,912	R	AC	96	88	93	\$5,296	9,235	SLURRY SEAL		
INCLINE DR	CANYON CREEK CIR	CANYON CREEK CIR	INCLDR	10-R	488	32	15,620	R	AC	92	86	92	\$8,345	10,788	SLURRY SEAL		
S AUBURN ST	E CHURCH ST	E OAK ST	SAUBST	20-C	443	31	13,935	C	AC	94	88	94	\$7,445	16,590	SLURRY SEAL		
S AUBURN ST	CENRAL ST	COLFAX OVER X-ING	SAUBST	40-C	332	31	10,433	C	AC	94	88	94	\$5,574	16,590	SLURRY SEAL		
												<b>Treatment Total</b>		<b>\$26,660</b>			
CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	375	32	11,997	R	AC	8	0	100	\$170,420	2,660	RECONSTRUCT STRUCTURE (AC)		
CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	194	32	6,217	R	AC	25	16	100	\$88,320	2,660	RECONSTRUCT STRUCTURE (AC)		
E CHURCH ST	S FOREST HILL ST	S NORTHSTAR AVE	ECHRST	30-C	136	20	2,720	C	AC	7	0	100	\$38,636	3,358	RECONSTRUCT STRUCTURE (AC)		
												<b>Treatment Total</b>		<b>\$297,376</b>			
SCHOLTZ AVE	CULVER ST	JEFFERY PL	SCLTZA	10-R	363	32	11,623	R	AC	54	47	100	\$102,880	4,155	THICK AC OVERLAY(2.5 INCHES)		
WHITCOMB AVE	CORTOPASSI CT	END CDS	WHTCAV	20-R	1,392	12	16,425	R	AC	56	49	100	\$145,378	4,083	THICK AC OVERLAY(2.5 INCHES)		

\*\* - Treatment from Project Selection



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Increase PCI to 57

Year 2021 Area Total	98,882	Treatment Total	\$248,258
		Year 2021 Total	\$572,294

## Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
CANYON CREEK DR	CANYON WAY	END	CNYCDR	10-R	1,106	32	35,395	R	AC	92	85	91	\$19,476	12,155	SLURRY SEAL	
DINKY AVE	N FOREST HILL ST	HWY 174	DNKYAV	10-R	419	32	13,393	R	AC	95	86	92	\$7,370	11,100	SLURRY SEAL	
N FOREST HILL ST	DINKY AVE	VISTA AVE	NFRHST	10-R	468	28	13,097	R	AC	96	86	92	\$7,207	10,933	SLURRY SEAL	
												Treatment Total	\$34,053			
CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	181	32	5,806	R	AC	28	16	100	\$84,948	2,582	RECONSTRUCT STRUCTURE (AC)	
CULVER ST	W OAK ST	SCHOLTZ AVE	CULVST	40-R	204	32	6,532	R	AC	8	0	100	\$95,572	2,582	RECONSTRUCT STRUCTURE (AC)	
CULVER ST	SCHOLTZ AVE	NEWMAN ST	CULVST	50-R	146	32	4,684	R	AC	19	5	100	\$68,528	2,582	RECONSTRUCT STRUCTURE (AC)	
DEPOT ST	N MAIN ST	PLEASANT ST	DEPTST	10-R	224	20	4,398	R	AC	21	7	100	\$64,354	2,582	RECONSTRUCT STRUCTURE (AC)	
DEPOT ST	PLEASANT ST	SANDERS LN	DEPTST	20-R	295	20	5,796	R	AC	9	0	100	\$84,807	2,582	RECONSTRUCT STRUCTURE (AC)	
DEPOT ST	SANDERS LN	JAY ST	DEPTST	30-R	267	20	5,229	R	AC	10	0	100	\$76,508	2,582	RECONSTRUCT STRUCTURE (AC)	
E OAK ST	S AUBURN ST	S FOREST HILL ST	EOAKST	20-R	199	20	3,988	R	AC	17	3	100	\$58,357	2,582	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total	\$533,074			
Year 2022 Area Total									98,317		Year 2022 Total		\$567,127			
Total Section Area:									683,125		Grand Total		\$2,828,589			



# Scenarios - Projected PCIs

Scenario: Increase PCI to 57

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$575,000	4%	2020	\$575,000	4%	2022	\$575,000	4%
2019	\$575,000	4%	2021	\$575,000	4%			

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
BEN TAYLOR RD	RISING SUN CT	CITY LIMIT N	BTAYRD	10-C	58	58	2020	\$105,595
2018 54	2019 50	2020 100	2021 90	2022 88				
COLFAX AVE	W GRASS VALLEY ST	END SOUTH	CLFXAV	10-R	43	45	2019	\$80,101
2018 42	2019 100	2020 92	2021 90	2022 88				
CANYON CREEK CIR	CANYON CREEK DR	CANYON CREEK DR	CNYCCR	10-R	93	100	2020	\$17,412
2018 92	2019 90	2020 94	2021 91	2022 89				
CANYON CREEK DR	CANYON WAY	END	CNYCDR	10-R	93	100	2022	\$19,476
2018 92	2019 90	2020 88	2021 86	2022 91				
CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	9	12	2018	\$170,420
2018 8	2019 5	2020 1	2021 100	2022 92				
CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	26	29	2019	\$88,320
2018 25	2019 22	2020 19	2021 100	2022 92				
CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	29	32	2020	\$84,948
2018 28	2019 25	2020 22	2021 19	2022 100				
CULVER ST	W OAK ST	SCHOLTZ AVE	CULVST	40-R	9	12	2018	\$95,572
2018 8	2019 5	2020 1	2021 0	2022 100				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
CULVER ST	SCHOLTZ AVE	NEWMAN ST	CULVST	50-R	20	23	2018	\$68,528
2018 19	2019 16	2020 13	2021 9	2022 100				
DEPOT ALLEY	GRASS VALLEY ST	CHURCH ST	DEPTAL	10-R	49	51	2019	\$83,028
2018 48	2019 100	2020 92	2021 90	2022 88				
DEPOT ST	N MAIN ST	PLEASANT ST	DEPTST	10-R	22	25	2022	\$64,354
2018 21	2019 18	2020 15	2021 11	2022 100				
DEPOT ST	PLEASANT ST	SANDERS LN	DEPTST	20-R	10	13	2022	\$84,807
2018 9	2019 6	2020 2	2021 0	2022 100				
DEPOT ST	SANDERS LN	JAY ST	DEPTST	30-R	11	14	2022	\$76,508
2018 10	2019 7	2020 3	2021 0	2022 100				
DINKY AVE	N FOREST HILL ST	HWY 174	DNKYAV	10-R	96	100	2022	\$7,370
2018 95	2019 91	2020 89	2021 87	2022 92				
EASY WAY	HUNTER LN	END N	EASYWY	10-R	93	100	2020	\$3,228
2018 92	2019 90	2020 94	2021 91	2022 89				
EASY WAY	PLEASANT ST	EASY WAY W	EASYWY	20-R	94	100	2020	\$2,152
2018 93	2019 91	2020 94	2021 91	2022 89				
E CHURCH ST	S AUBURN ST	END W	ECHRST	10-C	21	26	2019	\$78,236
2018 20	2019 100	2020 95	2021 92	2022 91				
E CHURCH ST	S AUBURN ST	S FOREST HILL ST	ECHRST	20-C	53	56	2019	\$33,276
2018 52	2019 100	2020 90	2021 88	2022 86				
E CHURCH ST	S FOREST HILL ST	S NORTHSTAR AVE	ECHRST	30-C	8	14	2019	\$38,636
2018 7	2019 0	2020 0	2021 100	2022 95				

\*\* - Treatment from Project Selection

Street Name	Beg Location					End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
E DEPOT ST	N AUBURN ST					N FOREST HILL ST	EDPTST	10-R	12	15		\$0
	2018	2019	2020	2021	2022							
	11	8	4	0	0							
E GRASS VALLEY ST	S MAIN ST					S AUBURN ST	EGRVST	10-R	100	100	2021	\$5,296
	2018	2019	2020	2021	2022							
	96	92	89	93	91							
E OAK ST	RAILROAD AVE					S AUBURN ST	EOAKST	10-R	64	66	2018	\$5,823
	2018	2019	2020	2021	2022							
	73	72	70	68	66							
E OAK ST	S AUBURN ST					S FOREST HILL ST	EOAKST	20-R	18	21	2022	\$58,357
	2018	2019	2020	2021	2022							
	17	14	10	7	100							
E OAK ST	S FOREST HILL ST					HWY 174	EOAKST	30-R	39	41		\$0
	2018	2019	2020	2021	2022							
	38	36	33	30	27							
E PARK HILL DR	PLEASANT ST					CITY LIMIT	EPKHDR	10-R	26	29		\$0
	2018	2019	2020	2021	2022							
	25	22	19	16	12							
FIRE HOUSE ALLEY	DEPOT ALLEY					CULVER	FRHSAL	10-R	99	100		\$0
	2018	2019	2020	2021	2022							
	100	92	90	88	86							
GEARHART RD	N MAIN ST					PLEASANT ST	GHRTRD	10-R	65	67		\$0
	2018	2019	2020	2021	2022							
	64	63	61	59	57							
HUNTER LN	PLEASANT ST					END W	HNTRLN	10-R	39	41		\$0
	2018	2019	2020	2021	2022							
	38	36	33	30	27							
INCLINE DR	CANYON CREEK CIR					CANYON CREEK CIR	INCLDR	10-R	93	100	2021	\$8,345
	2018	2019	2020	2021	2022							
	92	90	88	92	90							
KNEELAND ST	W GRASS VALLEY ST					DEPOT ST	KNLDST	10-R	14	17		\$0
	2018	2019	2020	2021	2022							
	13	10	6	2	0							

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
LINCOLN ST	ROSE AVE	END BARRICADE	LNCLST	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
MARVIN AVE	S AUBURN ST	S FOREST HILL ST	MARVAV	10-R	20	23		\$0
2018 19	2019 16	2020 12	2021 9	2022 5				
MARVIN AVE	S FOREST HILL ST	S NORTHSTAR AVE	MARVAV	20-R	0	67	2018	\$17,076
2018 100	2019 92	2020 90	2021 88	2022 87				
MARVIN AVE	S NORTHSTAR AVE	SUNRISE AVE	MARVAV	30-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
N AUBURN ST	E DEPOT ST	E GRASS VALLEY ST	NAUBST	10-R	42	44	2018	\$46,251
2018 100	2019 92	2020 90	2021 88	2022 87				
N CANYON WAY	STEVENS TRAIL	CANYON CT	NCYNWY	10-R	29	32		\$0
2018 28	2019 25	2020 22	2021 19	2022 16				
N DEPOT ST ALLEY	W GRASS VALLEY ST	DEPOT ST	NDPSTA	10-R	15	18		\$0
2018 14	2019 11	2020 7	2021 3	2022 0				
N FOREST HILL ST	DINKY AVE	VISTA AVE	NFRHST	10-R	100	100	2022	\$7,207
2018 96	2019 92	2020 89	2021 88	2022 92				
N FOREST HILL ST	VISTA AVE	SMITH LANE	NFRHST	20-R	33	36		\$0
2018 32	2019 29	2020 27	2021 23	2022 20				
N FOREST HILL ST	SMITH LANE	MARVIN AVE	NFRHST	30-R	40	42		\$0
2018 39	2019 37	2020 34	2021 31	2022 28				
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	73	74	2019	\$13,960
2018 72	2019 80	2020 79	2021 77	2022 76				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	77	78	2018	\$12,926
2018 85	2019 84	2020 82	2021 81	2022 80				
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	63	65	2018	\$8,707
2018 73	2019 71	2020 69	2021 67	2022 65				
N NORTHSTAR AV	MARVIN AVE	E OAK ST	NRSTAR	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
NEWMAN ST	S MAIN ST	CULVER ST	NWMST	10-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
PINE CT	PINE ST	END	PINECT	10-R	38	40		\$0
2018 37	2019 35	2020 32	2021 29	2022 26				
PINE ST	CULVER ST	PINE CT	PINEST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
PLEASANT ST	DEPOT ST	SCHOOL ST	PLSTST	10-R	8	11		\$0
2018 7	2019 3	2020 0	2021 0	2022 0				
PLEASANT ST	SCHOOL ST	E PARK HILL DR	PLSTST	20-R	12	15		\$0
2018 11	2019 8	2020 4	2021 0	2022 0				
PLEASANT ST	E PARK HILL DR	END N	PLSTST	30-R	14	17		\$0
2018 13	2019 10	2020 6	2021 2	2022 0				
QUINNS LN	S MAIN ST	END - CLUVER	QUINLN	10-R	49	51	2019	\$198,826
2018 48	2019 100	2020 92	2021 90	2022 88				
RAILROAD AVE	GRASS VALLEY	E OAK ST	RALRAV	10-R	74	75	2019	\$11,596
2018 73	2019 81	2020 80	2021 78	2022 77				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
RAILROAD AVE	E OAK ST	END	RALRAV	20-R	15	18		\$0
2018 14	2019 11	2020 7	2021 3	2022 0				
RISING SUN RD	W GRASS VALLEY ST	W CHURCH ST	RISSRD	10-R	60	62	2018	\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
RISING SUN RD	W CHURCH ST	PARKHILL DR	RISSRD	20-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	46	48	2018	\$28,936
2018 100	2019 92	2020 90	2021 88	2022 87				
ROSE AVE	LINCOLN ST	WASHINGTON ST	ROSEAV	10-R	26	29		\$0
2018 25	2019 22	2020 19	2021 16	2022 12				
ROSE AVE	WASHINGTON ST	WALNUT ST	ROSEAV	20-R	13	16		\$0
2018 12	2019 9	2020 5	2021 1	2022 0				
SANDERS	DEPOT ST	DEPOT ST	SANDRS	10-R	61	63	2018	\$96,896
2018 100	2019 92	2020 90	2021 88	2022 87				
S AUBURN ST	MARVIN AVE	E CHURCH ST	SAUBST	10-C	94	96	2020	\$6,063
2018 93	2019 91	2020 95	2021 93	2022 91				
S AUBURN ST	E CHURCH ST	E OAK ST	SAUBST	20-C	95	98	2021	\$7,445
2018 94	2019 92	2020 90	2021 94	2022 92				
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	93	95	2020	\$6,383
2018 92	2019 90	2020 94	2021 92	2022 90				
S AUBURN ST	CENRAL ST	COLFAX OVER X-ING	SAUBST	40-C	95	98	2021	\$5,574
2018 94	2019 92	2020 90	2021 94	2022 92				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S AUBURN ST	COLFAX OVER X-ING	WHITCOMB AVE	SAUBST	50-C	46	50	2018	\$253,419
2018 100	2019 90	2020 88	2021 86	2022 84				
S AUBURN ST	WHITCOMB	MINK CREEK	SAUBST	60-C	55	58	2020	\$404,014
2018 54	2019 51	2020 100	2021 90	2022 88				
S AUBURN ST	MINK CREEK	SHERWOOD CT	SAUBST	70-C	61	64	2018	\$19,991
2018 71	2019 68	2020 66	2021 63	2022 60				
SCHOOL ST	N MAIN ST	PLEASANT ST	SCHLST	10-R	18	21		\$0
2018 17	2019 14	2020 10	2021 7	2022 3				
SCHOOL HOUSE ALLEY	DEPOT ST	SCHOOL ST	SCHSAL	10-R	28	31		\$0
2018 27	2019 24	2020 21	2021 18	2022 14				
SCHOLTZ AVE	CULVER ST	JEFFERY PL	SCLTZA	10-R	55	57	2021	\$102,880
2018 54	2019 52	2020 50	2021 100	2022 92				
S FOREST HILL ST	MARVIN AVE	CHURCH ST	SFRHST	10-R	23	26		\$0
2018 22	2019 19	2020 16	2021 12	2022 9				
S FOREST HILL ST	CHURCH ST	OAK ST	SFRHST	20-R	19	22		\$0
2018 18	2019 15	2020 11	2021 8	2022 4				
S FOREST HILL ST	OAK ST	CENTRAL ST	SFRHST	30-R	51	53	2019	\$66,092
2018 50	2019 100	2020 92	2021 90	2022 88				
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	65	68	2018	\$5,137
2018 74	2019 72	2020 69	2021 67	2022 64				
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	80	82	2018	\$5,225
2018 87	2019 85	2020 83	2021 81	2022 79				

\*\* - Treatment from Project Selection

Street Name	Beg Location					End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S MAIN ST	W OAK ST					NEWMAN ST	SMANST	30-C	74	76	2020	\$5,827
	2018 73	2019 71	2020 78	2021 76	2022 74							
S MAIN ST	NEWMAN ST					WASHINGTON ST	SMANST	40-R	85	87	2019	\$5,653
	2018 84	2019 83	2020 89	2021 87	2022 85							
S MAIN ST	WASHINGTON ST					WALNUT ST	SMANST	50-R	79	80	2018	\$3,764
	2018 86	2019 85	2020 84	2021 83	2022 82							
SMITH LANE	N FOREST HLL ST					SUNRISE AVE	SMITLN	10-R	38	40		\$0
	2018 37	2019 35	2020 32	2021 29	2022 26							
S STAR AVE	MARVIN					E CHURCH	STARAV	10-R	92	95	2020	\$6,320
	2018 91	2019 89	2020 93	2021 91	2022 88							
S STAR AVE	E CHURCH					E OAK ST	STARAV	20-R	11	14		\$0
	2018 10	2019 7	2020 3	2021 0	2022 0							
SUNRISE AVE	HWY 174					VISTA AV	SUNRAV	10-R	26	29		\$0
	2018 25	2019 22	2020 19	2021 16	2022 12							
SUNRISE AVE	VISTA AVE					SMITH LN	SUNRAV	20-R	23	26		\$0
	2018 22	2019 19	2020 16	2021 12	2022 9							
SUNRISE AVE	SMITH LN					MARVIN AVE	SUNRAV	30-R	19	22		\$0
	2018 18	2019 15	2020 11	2021 8	2022 4							
SUNSET AVE	W GRASS VALLEY ST					END SOUTH	SUNSAV	10-R	33	36		\$0
	2018 32	2019 29	2020 27	2021 23	2022 20							
SUNSET CIR	W GRASS VALLEY ST					SUNSET AVE	SUNSCR	10-R	18	21		\$0
	2018 17	2019 14	2020 10	2021 7	2022 3							

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
TOKAYANA WAY	RISING SUN RD	CITY LIMIT	TOKYWY	10-C	41	45	2018	\$45,198
2018 100	2019 90	2020 88	2021 86	2022 84				
VISTA AVE	N FOREST HILL ST	SUNRISE AVE	VISTAV	10-R	18	21		\$0
2018 17	2019 14	2020 10	2021 7	2022 3				
W CHURCH ST	S MAIN ST	CULVER ST	WCHRST	10-R	100	100		\$0
2018 96	2019 92	2020 89	2021 88	2022 86				
W CHURCH ST	CULVER ST	RISING SUN RD	WCHRST	20-R	21	24		\$0
2018 20	2019 17	2020 14	2021 10	2022 6				
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	86	88	2019	\$1,957
2018 85	2019 91	2020 89	2021 87	2022 85				
W GRASS VALLEY ST	N DEPOT ST ALLEY	KNEELAND ST	WGRVST	20-R	92	95	2020	\$3,886
2018 91	2019 89	2020 93	2021 90	2022 88				
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	87	89	2019	\$2,712
2018 86	2019 91	2020 89	2021 87	2022 86				
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	90	92	2020	\$3,502
2018 89	2019 87	2020 92	2021 90	2022 88				
W GRASS VALLEY ST	RISING SUN RD	SUNSET CIR E END	WGRVST	50-R	35	38		\$0
2018 34	2019 32	2020 29	2021 26	2022 23				
W GRASS VALLEY ST	SUNSET CIR E END	SUNSET AVE	WGRVST	60-R	23	26		\$0
2018 22	2019 19	2020 16	2021 12	2022 9				
WHITCOMB AVE	S AUBURN ST	CORTOPASSI CT	WHTCAV	10-R	24	27		\$0
2018 23	2019 20	2020 17	2021 13	2022 10				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
WHITCOMB AVE	CORTOPASSI CT	END CDS	WHTCAV	20-R	57	59	2021	\$145,378
2018 56	2019 54	2020 52	2021 100	2022 92				
WALNUT ST	ROSE AVE	S MAIN ST	WLNTST	10-R	33	36		\$0
2018 32	2019 29	2020 27	2021 23	2022 20				
W OAK ST	S MAIN ST	CULVER ST	WOAKST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
W OAK ST	CULVER ST	END W	WOAKST	20-R	13	16		\$0
2018 12	2019 9	2020 5	2021 1	2022 0				
WASHINGTON ST	ROSE AVE	S MAIN ST	WSHTST	10-R	36	38		\$0
2018 35	2019 33	2020 30	2021 27	2022 24				

\*\* - Treatment from Project Selection





# Scenarios - Network Condition Summary

Interest: 5%

Inflation: 3%

Printed: 01/04/2018

Scenario: Unlimited Funding

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$1,750,000	5%	2020	\$1,750,000	5%	2022	\$1,750,000	5%
2019	\$1,750,000	5%	2021	\$1,750,000	5%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	52	62	2.47	4.88
2019	49	67	1.22	2.44
2020	46	73	2.12	4.18
2021	43	79	1.17	2.34
2022	41	80	0.39	0.78

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	5.8%	24.2%	0.0%	30.0%
II / III	0.0%	9.4%	10.5%	0.0%	19.9%
IV	0.0%	3.0%	24.0%	0.0%	27.1%
V	0.0%	0.7%	22.3%	0.0%	23.0%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	13.8%	37.0%	0.0%	50.7%
II / III	0.0%	5.2%	5.5%	0.0%	10.7%
IV	0.0%	0.0%	19.7%	0.0%	19.7%
V	0.0%	0.0%	18.8%	0.0%	18.8%
Total	0.0%	19.0%	81.0%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	14.7%	66.6%	0.0%	81.4%
II / III	0.0%	4.2%	5.0%	0.0%	9.2%
IV	0.0%	0.0%	9.4%	0.0%	9.4%
Total	0.0%	19.0%	81.0%	0.0%	100.0%



# Scenarios - Cost Summary

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Unlimited Funding

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	5%	\$1,750,000	II	\$39,658	Non-Project	\$59,888	\$7,771	Funded	\$19,841	
			III	\$204,252				Unmet	\$0	
			IV	\$725,217	Project	\$0				
			V	\$665,428						
			Total	\$1,634,555						
Project	\$0									
2019	5%	\$1,750,000	II	\$0	Non-Project	\$9,908	\$75,722	\$2,235,357	Funded	\$1,870
			III	\$0					Unmet	\$0
			IV	\$99,368	Project	\$0				
			V	\$1,555,409						
			Total	\$1,654,777						
Project	\$0									
2020	5%	\$1,750,000	II	\$5,827	Non-Project	\$90,262	\$0	\$1,541,967	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$509,609	Project	\$0				
			V	\$1,129,967						
			Total	\$1,645,403						
Project	\$0									
2021	5%	\$1,750,000	II	\$0	Non-Project	\$19,761	\$66,980	\$552,929	Funded	\$759
			III	\$0					Unmet	\$0
			IV	\$248,258	Project	\$0				
			V	\$1,407,724						
			Total	\$1,655,982						
Project	\$0									
2022	5%	\$1,750,000	II	\$0	Non-Project	\$0	\$87,500	\$0	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$834,816						
			Total	\$834,816						
Project	\$0									

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	\$983,772	\$30,690	\$0	\$0
Residential/Local	\$6,441,761	\$149,129	\$22,470	\$0
<b>Grand Total:</b>	<b>\$7,425,533</b>	<b>\$179,819</b>	<b>\$22,470</b>	<b>\$0</b>



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Unlimited Funding

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$1,750,000	5%	2020	\$1,750,000	5%	2022	\$1,750,000	5%
2019	\$1,750,000	5%	2021	\$1,750,000	5%			

## Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
GEARHART RD	N MAIN ST	PLEASANT ST	GHRTRD	10-R	667	20	13,375	R	AC	64	64	100	\$90,280	4,355	THIN OVERLAY w/FABRIC			
MARVIN AVE	S FOREST HILL ST	S NORTHSTAR AVE	MARVAV	20-R	135	19	2,530	R	AC	65	65	100	\$17,076	4,326	THIN OVERLAY w/FABRIC			
SANDERS	DEPOT ST	DEPOT ST	SANDRS	10-R	449	32	14,355	R	AC	60	60	100	\$96,896	4,719	THIN OVERLAY w/FABRIC			
												Treatment Total		\$204,252				
E OAK ST	RAILROAD AVE	S AUBURN ST	E OAKST	10-R	596	20	11,911	R	AC	63	63	73	\$5,823	18,724	SLURRY SEAL			
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	773	36	27,722	R	AC	72	72	81	\$13,553	22,279	SLURRY SEAL			
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	738	36	26,438	R	AC	76	76	85	\$12,926	24,280	SLURRY SEAL			
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	497	36	17,809	R	AC	62	62	73	\$8,707	18,427	SLURRY SEAL			
RAILROAD AVE	GRASS VALLEY	E OAK ST	RALRAV	10-R	720	32	23,027	R	AC	73	73	82	\$11,258	22,772	SLURRY SEAL			
S AUBURN ST	MINK CREEK	SHERWOOD CT	SAUBST	70-C	1,278	32	40,891	C	AC	60	60	71	\$19,991	18,620	SLURRY SEAL			
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	375	28	10,506	C	AC	64	64	74	\$5,137	20,305	SLURRY SEAL			
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	382	28	10,686	C	AC	79	79	87	\$5,225	22,793	SLURRY SEAL			
S MAIN ST	NEWMAN ST	WASHINGTON ST	SMANST	40-R	389	28	10,898	R	AC	84	84	91	\$5,328	13,844	SLURRY SEAL			
S MAIN ST	WASHINGTON ST	WALNUT ST	SMANST	50-R	275	28	7,698	R	AC	78	78	86	\$3,764	25,321	SLURRY SEAL			
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	139	28	3,886	R	AC	85	85	92	\$1,900	12,758	SLURRY SEAL			
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	192	28	5,386	R	AC	86	86	93	\$2,633	11,555	SLURRY SEAL			
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	241	28	6,751	R	AC	89	89	95	\$3,301	7,417	SLURRY SEAL			
												Treatment Total		\$99,546				
CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	375	32	11,997	R	AC	8	8	100	\$155,959	2,906	RECONSTRUCT STRUCTURE (AC)			
CULVER ST	W OAK ST	SCHOLTZ AVE	CULVST	40-R	204	32	6,532	R	AC	8	8	100	\$84,914	2,906	RECONSTRUCT STRUCTURE (AC)			

\*\* - Treatment from Project Selection

Scenarios Criteria:



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Unlimited Funding

## Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
CULVER ST	SCHOLTZ AVE	NEWMAN ST	CULVST	50-R	146	32	4,684	R	AC	19	19	100	\$60,886	2,906	RECONSTRUCT STRUCTURE (AC)		
DEPOT ST	N MAIN ST	PLEASANT ST	DEPTST	10-R	224	20	4,398	R	AC	21	21	100	\$57,177	2,906	RECONSTRUCT STRUCTURE (AC)		
DEPOT ST	PLEASANT ST	SANDERS LN	DEPTST	20-R	295	20	5,796	R	AC	9	9	100	\$75,350	2,906	RECONSTRUCT STRUCTURE (AC)		
DEPOT ST	SANDERS LN	JAY ST	DEPTST	30-R	267	20	5,229	R	AC	10	10	100	\$67,977	2,906	RECONSTRUCT STRUCTURE (AC)		
E CHURCH ST	S AUBURN ST	END W	ECHRST	10-C	292	20	5,843	C	AC	20	20	100	\$75,957	3,669	RECONSTRUCT STRUCTURE (AC)		
E CHURCH ST	S FOREST HILL ST	S NORTHSTAR AVE	ECHRST	30-C	136	20	2,720	C	AC	7	7	100	\$35,358	3,669	RECONSTRUCT STRUCTURE (AC)		
E OAK ST	S AUBURN ST	S FOREST HILL ST	EOAKST	20-R	199	20	3,988	R	AC	17	17	100	\$51,850	2,906	RECONSTRUCT STRUCTURE (AC)		
												Treatment Total		\$665,428			
COLFAX AVE	W GRASS VALLEY ST	END SOUTH	CLFXAV	10-R	300	32	9,601	R	AC	42	42	100	\$77,768	4,650	THICK AC OVERLAY(2.5 INCHES)		
DEPOT ALLEY	GRASS VALLEY ST	CHURCH ST	DEPTAL	10-R	355	28	9,952	R	AC	48	48	100	\$80,610	4,519	THICK AC OVERLAY(2.5 INCHES)		
N AUBURN ST	E DEPOT ST	E GRASS VALLEY ST	NAUBST	10-R	272	21	5,710	R	AC	41	41	100	\$46,251	4,675	THICK AC OVERLAY(2.5 INCHES)		
QUINNS LN	S MAIN ST	END - CLUVER	QUINLN	10-R	851	28	23,831	R	AC	48	48	100	\$193,035	4,519	THICK AC OVERLAY(2.5 INCHES)		
RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	111	32	3,572	R	AC	45	45	100	\$28,936	4,570	THICK AC OVERLAY(2.5 INCHES)		
S AUBURN ST	COLFAX OVER X-ING	WHITCOMB AVE	SAUBST	50-C	994	31	31,286	C	AC	45	45	100	\$253,419	5,631	THICK AC OVERLAY(2.5 INCHES)		
TOKAYANA WAY	RISING SUN RD	CITY LIMIT	TOKYWY	10-C	186	30	5,580	C	AC	40	40	100	\$45,198	5,739	THICK AC OVERLAY(2.5 INCHES)		
												Treatment Total		\$725,217			
							Year 2018 Area Total		374,585		Year 2018 Total		\$1,694,443				



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Unlimited Funding

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
S STAR AVE	MARVIN	E CHURCH	STARAV	10-R	381	32	12,183	R	AC	91	89	94	\$6,135	7,505	SLURRY SEAL
W GRASS VALLEY ST	N DEPOT ST ALLEY	KNEELAND ST	WGRVST	20-R	268	28	7,491	R	AC	91	89	94	\$3,773	7,535	SLURRY SEAL
												Treatment Total	\$9,908		
CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	194	32	6,217	R	AC	25	22	100	\$83,250	2,822	RECONSTRUCT STRUCTURE (AC)
E DEPOT ST	N AUBURN ST	N FOREST HILL ST	EDPTST	10-R	332	20	6,646	R	AC	11	8	100	\$88,993	2,822	RECONSTRUCT STRUCTURE (AC)
E PARK HILL DR	PLEASANT ST	CITY LIMIT	EPKHDR	10-R	206	20	4,091	R	AC	25	22	100	\$54,779	2,822	RECONSTRUCT STRUCTURE (AC)
KNEELAND ST	W GRASS VALLEY ST	DEPOT ST	KNLDST	10-R	356	21	7,384	R	AC	13	10	100	\$98,870	2,822	RECONSTRUCT STRUCTURE (AC)
MARVIN AVE	S AUBURN ST	S FOREST HILL ST	MARVAV	10-R	249	32	7,976	R	AC	19	16	100	\$106,799	2,822	RECONSTRUCT STRUCTURE (AC)
MARVIN AVE	S NORTHSTAR AVE	SUNRISE AVE	MARVAV	30-R	198	19	3,729	R	AC	25	22	100	\$49,935	2,822	RECONSTRUCT STRUCTURE (AC)
N DEPOT ST ALLEY	W GRASS VALLEY ST	DEPOT ST	NDPSTA	10-R	377	22	8,224	R	AC	14	11	100	\$110,125	2,822	RECONSTRUCT STRUCTURE (AC)
NEWMAN ST	S MAIN ST	CULVER ST	NWMST	10-R	430	32	13,747	R	AC	25	22	100	\$184,067	2,822	RECONSTRUCT STRUCTURE (AC)
PLEASANT ST	DEPOT ST	SCHOOL ST	PLSTST	10-R	381	20	7,541	R	AC	7	3	100	\$100,970	2,822	RECONSTRUCT STRUCTURE (AC)
PLEASANT ST	SCHOOL ST	E PARK HILL DR	PLSTST	20-R	862	20	17,071	R	AC	11	8	100	\$228,578	2,822	RECONSTRUCT STRUCTURE (AC)
PLEASANT ST	E PARK HILL DR	END N	PLSTST	30-R	757	20	14,996	R	AC	13	10	100	\$200,791	2,822	RECONSTRUCT STRUCTURE (AC)
ROSE AVE	LINCOLN ST	WASHINGTON ST	ROSEAV	10-R	194	28	5,436	R	AC	25	22	100	\$72,791	2,822	RECONSTRUCT STRUCTURE (AC)
ROSE AVE	WASHINGTON ST	WALNUT ST	ROSEAV	20-R	258	28	7,223	R	AC	12	9	100	\$96,722	2,822	RECONSTRUCT STRUCTURE (AC)
SCHOOL ST	N MAIN ST	PLEASANT ST	SCHLST	10-R	415	14	5,880	R	AC	17	14	100	\$78,739	2,822	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$1,555,409		
E CHURCH ST	S AUBURN ST	S FOREST HILL ST	ECHRST	20-C	199	20	3,988	C	AC	52	48	100	\$33,276	5,378	THICK AC OVERLAY(2.5 INCHES)
S FOREST HILL ST	OAK ST	CENTRAL ST	SFRHST	30-R	396	20	7,922	R	AC	50	48	100	\$66,092	4,399	THICK AC OVERLAY(2.5 INCHES)

\*\* - Treatment from Project Selection

Scenarios Criteria:



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Unlimited Funding

Treatment Total	\$99,368
Year 2019 Area Total	147,746
Year 2019 Total	\$1,664,685

## Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
CANYON CREEK CIR	CANYON CREEK DR	CANYON CREEK DR	CNYCCR	10-R	1,049	32	33,571	R	AC	92	88	94	\$17,412	8,915	SLURRY SEAL
CANYON CREEK DR	CANYON WAY	END	CNYCDR	10-R	1,106	32	35,395	R	AC	92	88	94	\$18,358	8,915	SLURRY SEAL
DINKY AVE	N FOREST HILL ST	HWY 174	DNKYAV	10-R	419	32	13,393	R	AC	95	89	95	\$6,947	7,228	SLURRY SEAL
EASY WAY	HUNTER LN	END N	EASYWY	10-R	279	22	6,224	R	AC	92	88	94	\$3,228	8,942	SLURRY SEAL
EASY WAY	PLEASANT ST	EASY WAY W	EASYWY	20-R	186	22	4,149	R	AC	93	88	94	\$2,152	8,203	SLURRY SEAL
E GRASS VALLEY ST	S MAIN ST	S AUBURN ST	EGRVST	10-R	503	20	9,912	R	AC	96	89	95	\$5,141	6,965	SLURRY SEAL
INCLINE DR	CANYON CREEK CIR	CANYON CREEK CIR	INCLDR	10-R	488	32	15,620	R	AC	92	88	94	\$8,102	8,915	SLURRY SEAL
N FOREST HILL ST	DINKY AVE	VISTA AVE	NFRHST	10-R	468	28	13,097	R	AC	96	89	95	\$6,793	6,965	SLURRY SEAL
S AUBURN ST	MARVIN AVE	E CHURCH ST	SAUBST	10-C	371	31	11,690	C	AC	93	89	95	\$6,063	15,743	SLURRY SEAL
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	391	31	12,305	C	AC	92	89	94	\$6,383	16,949	SLURRY SEAL
S MAIN ST	W OAK ST	NEWMAN ST	SMANST	30-C	401	28	11,233	C	AC	73	69	78	\$5,827	22,406	SLURRY SEAL
W CHURCH ST	S MAIN ST	CULVER ST	WCHRST	10-R	583	32	18,668	R	AC	96	89	95	\$9,683	6,942	SLURRY SEAL
												Treatment Total	\$96,089		
CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	181	32	5,806	R	AC	28	22	100	\$80,072	2,739	RECONSTRUCT STRUCTURE (AC)
N CANYON WAY	STEVENS TRAIL	CANYON CT	NCYNWY	10-R	656	32	20,987	R	AC	28	22	100	\$289,441	2,739	RECONSTRUCT STRUCTURE (AC)
RAILROAD AVE	E OAK ST	END	RALRAV	20-R	891	32	28,504	R	AC	14	7	100	\$393,115	2,739	RECONSTRUCT STRUCTURE (AC)
SCHOOL HOUSE ALLEY	DEPOT ST	SCHOOL ST	SCHSAL	10-R	376	11	4,134	R	AC	27	21	100	\$57,019	2,739	RECONSTRUCT STRUCTURE (AC)
S FOREST HILL ST	MARVIN AVE	CHURCH ST	SFRHST	10-R	398	20	7,965	R	AC	22	16	100	\$109,854	2,739	RECONSTRUCT STRUCTURE (AC)
S FOREST HILL ST	CHURCH ST	OAK ST	SFRHST	20-R	424	20	8,489	R	AC	18	11	100	\$117,084	2,739	RECONSTRUCT STRUCTURE (AC)
SUNRISE AVE	SMITH LN	MARVIN AVE	SUNRAV	30-R	189	32	6,046	R	AC	18	11	100	\$83,382	2,739	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$1,129,967		

\*\* - Treatment from Project Selection



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Unlimited Funding

## Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
BEN TAYLOR RD	RISING SUN CT	CITY LIMIT N	BTAYRD	10-C	384	32	12,288	C	AC	57	46	100	\$105,595	5,267	THICK AC OVERLAY(2.5 INCHES)
S AUBURN ST	WHITCOMB	MINK CREEK	SAUBST	60-C	1,469	32	47,015	C	AC	54	47	100	\$404,014	5,264	THICK AC OVERLAY(2.5 INCHES)
												<b>Treatment Total</b>	<b>\$509,609</b>		
<b>Year 2020 Area Total</b>							<b>326,489</b>	<b>Year 2020 Total</b>				<b>\$1,735,665</b>			

## Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
FIRE HOUSE ALLEY	DEPOT ALLEY	CULVER	FRHSAL	10-R	451	28	12,619	R	AC	98	88	93	\$6,742	9,063	SLURRY SEAL
S AUBURN ST	E CHURCH ST	E OAK ST	SAUBST	20-C	443	31	13,935	C	AC	94	88	94	\$7,445	16,590	SLURRY SEAL
S AUBURN ST	CENRAL ST	COLFAX OVER X-ING	SAUBST	40-C	332	31	10,433	C	AC	94	88	94	\$5,574	16,590	SLURRY SEAL
												<b>Treatment Total</b>	<b>\$19,761</b>		
N FOREST HILL ST	VISTA AVE	SMITH LANE	NFRHST	20-R	333	28	9,317	R	AC	32	23	100	\$132,357	2,660	RECONSTRUCT STRUCTURE (AC)
S STAR AVE	E CHURCH	E OAK ST	STARAV	20-R	412	32	13,169	R	AC	10	0	100	\$187,067	2,660	RECONSTRUCT STRUCTURE (AC)
SUNRISE AVE	HWY 174	VISTA AV	SUNRAV	10-R	526	32	16,819	R	AC	25	16	100	\$238,920	2,660	RECONSTRUCT STRUCTURE (AC)
SUNRISE AVE	VISTA AVE	SMITH LN	SUNRAV	20-R	314	32	10,038	R	AC	22	12	100	\$142,596	2,660	RECONSTRUCT STRUCTURE (AC)
SUNSET AVE	W GRASS VALLEY ST	END SOUTH	SUNSAV	10-R	278	32	8,890	R	AC	32	23	100	\$126,290	2,660	RECONSTRUCT STRUCTURE (AC)
SUNSET CIR	W GRASS VALLEY ST	SUNSET AVE	SUNSCR	10-R	482	32	15,439	R	AC	17	7	100	\$219,324	2,660	RECONSTRUCT STRUCTURE (AC)
VISTA AVE	N FOREST HILL ST	SUNRISE AVE	VISTAV	10-R	356	28	9,971	R	AC	17	7	100	\$141,636	2,660	RECONSTRUCT STRUCTURE (AC)
W CHURCH ST	CULVER ST	RISING SUN RD	WCHRST	20-R	329	32	10,516	R	AC	20	10	100	\$149,378	2,660	RECONSTRUCT STRUCTURE (AC)
W GRASS VALLEY ST	SUNSET CIR E END	SUNSET AVE	WGRVST	60-R	176	28	4,939	R	AC	22	12	100	\$70,156	2,660	RECONSTRUCT STRUCTURE (AC)
												<b>Treatment Total</b>	<b>\$1,407,724</b>		

\*\* - Treatment from Project Selection



# Scenarios - Sections Selected for Treatment

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Scenario: Unlimited Funding

## Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
SCHOLTZ AVE	CULVER ST	JEFFERY PL	SCLTZA	10-R	363	32	11,623	R	AC	54	47	100	\$102,880	4,155	THICK AC OVERLAY(2.5 INCHES)	
WHITCOMB AVE	CORTOPASSI CT	END CDS	WHTCAV	20-R	1,392	12	16,425	R	AC	56	49	100	\$145,378	4,083	THICK AC OVERLAY(2.5 INCHES)	
											Treatment Total		\$248,258			
							Year 2021 Area Total		164,133		Year 2021 Total		\$1,675,743			

## Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
W GRASS VALLEY ST	RISING SUN RD	SUNSET CIR E END	WGRVST	50-R	256	28	7,156	R	AC	34	23	100	\$104,708	2,582	RECONSTRUCT STRUCTURE (AC)	
WHITCOMB AVE	S AUBURN ST	CORTOPASSI CT	WHTCAV	10-R	226	27	6,071	R	AC	23	10	100	\$88,830	2,582	RECONSTRUCT STRUCTURE (AC)	
WALNUT ST	ROSE AVE	S MAIN ST	WLNTST	10-R	286	28	8,009	R	AC	32	20	100	\$117,191	2,582	RECONSTRUCT STRUCTURE (AC)	
W OAK ST	CULVER ST	END W	WOAKST	20-R	887	28	24,843	R	AC	12	0	100	\$363,498	2,582	RECONSTRUCT STRUCTURE (AC)	
WASHINGTON ST	ROSE AVE	S MAIN ST	WSHTST	10-R	392	28	10,975	R	AC	35	24	100	\$160,589	2,582	RECONSTRUCT STRUCTURE (AC)	
											Treatment Total		\$834,816			
							Year 2022 Area Total		57,055		Year 2022 Total		\$834,816			
							Total Section Area:		1,070,008		Grand Total		\$7,605,352			



# Scenarios - Projected PCIs

Scenario: Unlimited Funding

Interest: 5.00%

Inflation: 3.00%

Printed: 01/04/2018

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$1,750,000	5%	2020	\$1,750,000	5%	2022	\$1,750,000	5%
2019	\$1,750,000	5%	2021	\$1,750,000	5%			

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
BEN TAYLOR RD	RISING SUN CT	CITY LIMIT N	BTAYRD	10-C	58	58	2020	\$105,595
2018 54	2019 50	2020 100	2021 90	2022 88				
COLFAX AVE	W GRASS VALLEY ST	END SOUTH	CLFXAV	10-R	43	45	2018	\$77,768
2018 100	2019 92	2020 90	2021 88	2022 87				
CANYON CREEK CIR	CANYON CREEK DR	CANYON CREEK DR	CNYCCR	10-R	93	100	2020	\$17,412
2018 92	2019 90	2020 94	2021 91	2022 89				
CANYON CREEK DR	CANYON WAY	END	CNYCDR	10-R	93	100	2020	\$18,358
2018 92	2019 90	2020 94	2021 91	2022 89				
CULVER ST	W GRASS VALLEY ST	W CHURCH ST	CULVST	10-R	9	12	2018	\$155,959
2018 100	2019 92	2020 90	2021 88	2022 86				
CULVER ST	W CHURCH ST	QUINNS LANE	CULVST	20-R	26	29	2019	\$83,250
2018 25	2019 100	2020 92	2021 90	2022 88				
CULVER ST	QUINNS LANE	W OAK ST	CULVST	30-R	29	32	2020	\$80,072
2018 28	2019 25	2020 100	2021 92	2022 90				
CULVER ST	W OAK ST	SCHOLTZ AVE	CULVST	40-R	9	12	2018	\$84,914
2018 100	2019 92	2020 90	2021 88	2022 86				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
CULVER ST 2018 100 2019 92 2020 90 2021 88 2022 86	SCHOLTZ AVE	NEWMAN ST	CULVST	50-R	20	23	2018	\$60,886
DEPOT ALLEY 2018 100 2019 92 2020 90 2021 88 2022 87	GRASS VALLEY ST	CHURCH ST	DEPTAL	10-R	49	51	2018	\$80,610
DEPOT ST 2018 100 2019 92 2020 90 2021 88 2022 86	N MAIN ST	PLEASANT ST	DEPTST	10-R	22	25	2018	\$57,177
DEPOT ST 2018 100 2019 92 2020 90 2021 88 2022 86	PLEASANT ST	SANDERS LN	DEPTST	20-R	10	13	2018	\$75,350
DEPOT ST 2018 100 2019 92 2020 90 2021 88 2022 86	SANDERS LN	JAY ST	DEPTST	30-R	11	14	2018	\$67,977
DINKY AVE 2018 95 2019 91 2020 95 2021 91 2022 89	N FOREST HILL ST	HWY 174	DNKYAV	10-R	96	100	2020	\$6,947
EASY WAY 2018 92 2019 90 2020 94 2021 91 2022 89	HUNTER LN	END N	EASYWY	10-R	93	100	2020	\$3,228
EASY WAY 2018 93 2019 91 2020 94 2021 91 2022 89	PLEASANT ST	EASY WAY W	EASYWY	20-R	94	100	2020	\$2,152
E CHURCH ST 2018 100 2019 95 2020 92 2021 91 2022 89	S AUBURN ST	END W	ECHRST	10-C	21	26	2018	\$75,957
E CHURCH ST 2018 52 2019 100 2020 90 2021 88 2022 86	S AUBURN ST	S FOREST HILL ST	ECHRST	20-C	53	56	2019	\$33,276
E CHURCH ST 2018 100 2019 95 2020 92 2021 91 2022 89	S FOREST HILL ST	S NORTHSTAR AVE	ECHRST	30-C	8	14	2018	\$35,358

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
E DEPOT ST	N AUBURN ST	N FOREST HILL ST	EDPTST	10-R	12	15	2019	\$88,993
2018 11	2019 100	2020 92	2021 90	2022 88				
E GRASS VALLEY ST	S MAIN ST	S AUBURN ST	EGRVST	10-R	100	100	2020	\$5,141
2018 96	2019 92	2020 95	2021 91	2022 89				
E OAK ST	RAILROAD AVE	S AUBURN ST	EOAKST	10-R	64	66	2018	\$5,823
2018 73	2019 72	2020 70	2021 68	2022 66				
E OAK ST	S AUBURN ST	S FOREST HILL ST	EOAKST	20-R	18	21	2018	\$51,850
2018 100	2019 92	2020 90	2021 88	2022 86				
E OAK ST	S FOREST HILL ST	HWY 174	EOAKST	30-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
E PARK HILL DR	PLEASANT ST	CITY LIMIT	EPKHDR	10-R	26	29	2019	\$54,779
2018 25	2019 100	2020 92	2021 90	2022 88				
FIRE HOUSE ALLEY	DEPOT ALLEY	CULVER	FRHSAL	10-R	99	100	2021	\$6,742
2018 100	2019 92	2020 90	2021 93	2022 91				
GEARHART RD	N MAIN ST	PLEASANT ST	GHRTRD	10-R	65	67	2018	\$90,280
2018 100	2019 92	2020 90	2021 88	2022 87				
HUNTER LN	PLEASANT ST	END W	HNTRLN	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
INCLINE DR	CANYON CREEK CIR	CANYON CREEK CIR	INCLDR	10-R	93	100	2020	\$8,102
2018 92	2019 90	2020 94	2021 91	2022 89				
KNEELAND ST	W GRASS VALLEY ST	DEPOT ST	KNLDST	10-R	14	17	2019	\$98,870
2018 13	2019 100	2020 92	2021 90	2022 88				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
LINCOLN ST	ROSE AVE	END BARRICADE	LNCLST	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
MARVIN AVE	S AUBURN ST	S FOREST HILL ST	MARVAV	10-R	20	23	2019	\$106,799
2018 19	2019 100	2020 92	2021 90	2022 88				
MARVIN AVE	S FOREST HILL ST	S NORTHSTAR AVE	MARVAV	20-R	0	67	2018	\$17,076
2018 100	2019 92	2020 90	2021 88	2022 87				
MARVIN AVE	S NORTHSTAR AVE	SUNRISE AVE	MARVAV	30-R	26	29	2019	\$49,935
2018 25	2019 100	2020 92	2021 90	2022 88				
N AUBURN ST	E DEPOT ST	E GRASS VALLEY ST	NAUBST	10-R	42	44	2018	\$46,251
2018 100	2019 92	2020 90	2021 88	2022 87				
N CANYON WAY	STEVENS TRAIL	CANYON CT	NCYNWY	10-R	29	32	2020	\$289,441
2018 28	2019 25	2020 100	2021 92	2022 90				
N DEPOT ST ALLEY	W GRASS VALLEY ST	DEPOT ST	NDPSTA	10-R	15	18	2019	\$110,125
2018 14	2019 100	2020 92	2021 90	2022 88				
N FOREST HILL ST	DINKY AVE	VISTA AVE	NFRHST	10-R	100	100	2020	\$6,793
2018 96	2019 92	2020 95	2021 91	2022 89				
N FOREST HILL ST	VISTA AVE	SMITH LANE	NFRHST	20-R	33	36	2021	\$132,357
2018 32	2019 29	2020 27	2021 100	2022 92				
N FOREST HILL ST	SMITH LANE	MARVIN AVE	NFRHST	30-R	40	42		\$0
2018 39	2019 37	2020 34	2021 31	2022 28				
N MAIN ST	W GRASS VALLEY ST	SCHOOL ST	NMANST	10-R	73	74	2018	\$13,553
2018 81	2019 80	2020 79	2021 77	2022 76				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
N MAIN ST	SCHOOL ST	GEARHART LN	NMANST	20-R	77	78	2018	\$12,926
2018 85	2019 84	2020 82	2021 81	2022 80				
N MAIN ST	GEARHART LN	HWY 174	NMANST	30-R	63	65	2018	\$8,707
2018 73	2019 71	2020 69	2021 67	2022 65				
N NORTHSTAR AV	MARVIN AVE	E OAK ST	NRSTAR	10-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
NEWMAN ST	S MAIN ST	CULVER ST	NWMST	10-R	26	29	2019	\$184,067
2018 25	2019 100	2020 92	2021 90	2022 88				
PINE CT	PINE ST	END	PINECT	10-R	38	40		\$0
2018 37	2019 35	2020 32	2021 29	2022 26				
PINE ST	CULVER ST	PINE CT	PINEST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
PLEASANT ST	DEPOT ST	SCHOOL ST	PLSTST	10-R	8	11	2019	\$100,970
2018 7	2019 100	2020 92	2021 90	2022 88				
PLEASANT ST	SCHOOL ST	E PARK HILL DR	PLSTST	20-R	12	15	2019	\$228,578
2018 11	2019 100	2020 92	2021 90	2022 88				
PLEASANT ST	E PARK HILL DR	END N	PLSTST	30-R	14	17	2019	\$200,791
2018 13	2019 100	2020 92	2021 90	2022 88				
QUINNS LN	S MAIN ST	END - CLUVER	QUINLN	10-R	49	51	2018	\$193,035
2018 100	2019 92	2020 90	2021 88	2022 87				
RAILROAD AVE	GRASS VALLEY	E OAK ST	RALRAV	10-R	74	75	2018	\$11,258
2018 82	2019 81	2020 80	2021 78	2022 77				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
RAILROAD AVE	E OAK ST	END	RALRAV	20-R	15	18	2020	\$393,115
2018 14	2019 11	2020 100	2021 92	2022 90				
RISING SUN RD	W GRASS VALLEY ST	W CHURCH ST	RISSRD	10-R	60	62	2018	\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
RISING SUN RD	W CHURCH ST	PARKHILL DR	RISSRD	20-R	39	41		\$0
2018 38	2019 36	2020 33	2021 30	2022 27				
RISING SUN RD	PARK HILL DR	BEN TAYLOR RD	RISSRD	30-R	46	48	2018	\$28,936
2018 100	2019 92	2020 90	2021 88	2022 87				
ROSE AVE	LINCOLN ST	WASHINGTON ST	ROSEAV	10-R	26	29	2019	\$72,791
2018 25	2019 100	2020 92	2021 90	2022 88				
ROSE AVE	WASHINGTON ST	WALNUT ST	ROSEAV	20-R	13	16	2019	\$96,722
2018 12	2019 100	2020 92	2021 90	2022 88				
SANDERS	DEPOT ST	DEPOT ST	SANDRS	10-R	61	63	2018	\$96,896
2018 100	2019 92	2020 90	2021 88	2022 87				
S AUBURN ST	MARVIN AVE	E CHURCH ST	SAUBST	10-C	94	96	2020	\$6,063
2018 93	2019 91	2020 95	2021 93	2022 91				
S AUBURN ST	E CHURCH ST	E OAK ST	SAUBST	20-C	95	98	2021	\$7,445
2018 94	2019 92	2020 90	2021 94	2022 92				
S AUBURN ST	E OAK ST	CENTRAL ST	SAUBST	30-C	93	95	2020	\$6,383
2018 92	2019 90	2020 94	2021 92	2022 90				
S AUBURN ST	CENRAL ST	COLFAX OVER X-ING	SAUBST	40-C	95	98	2021	\$5,574
2018 94	2019 92	2020 90	2021 94	2022 92				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S AUBURN ST	COLFAX OVER X-ING	WHITCOMB AVE	SAUBST	50-C	46	50	2018	\$253,419
2018 100	2019 90	2020 88	2021 86	2022 84				
S AUBURN ST	WHITCOMB	MINK CREEK	SAUBST	60-C	55	58	2020	\$404,014
2018 54	2019 51	2020 100	2021 90	2022 88				
S AUBURN ST	MINK CREEK	SHERWOOD CT	SAUBST	70-C	61	64	2018	\$19,991
2018 71	2019 68	2020 66	2021 63	2022 60				
SCHOOL ST	N MAIN ST	PLEASANT ST	SCHLST	10-R	18	21	2019	\$78,739
2018 17	2019 100	2020 92	2021 90	2022 88				
SCHOOL HOUSE ALLEY	DEPOT ST	SCHOOL ST	SCHSAL	10-R	28	31	2020	\$57,019
2018 27	2019 24	2020 100	2021 92	2022 90				
SCHOLTZ AVE	CULVER ST	JEFFERY PL	SCLTZA	10-R	55	57	2021	\$102,880
2018 54	2019 52	2020 50	2021 100	2022 92				
S FOREST HILL ST	MARVIN AVE	CHURCH ST	SFRHST	10-R	23	26	2020	\$109,854
2018 22	2019 19	2020 100	2021 92	2022 90				
S FOREST HILL ST	CHURCH ST	OAK ST	SFRHST	20-R	19	22	2020	\$117,084
2018 18	2019 15	2020 100	2021 92	2022 90				
S FOREST HILL ST	OAK ST	CENTRAL ST	SFRHST	30-R	51	53	2019	\$66,092
2018 50	2019 100	2020 92	2021 90	2022 88				
S MAIN ST	W GRASS VALLEY ST	W CHURCH ST	SMANST	10-C	65	68	2018	\$5,137
2018 74	2019 72	2020 69	2021 67	2022 64				
S MAIN ST	W CHURCH ST	W OAK ST	SMANST	20-C	80	82	2018	\$5,225
2018 87	2019 85	2020 83	2021 81	2022 79				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
S MAIN ST	W OAK ST	NEWMAN ST	SMANST	30-C	74	76	2020	\$5,827
2018 73	2019 71	2020 78	2021 76	2022 74				
S MAIN ST	NEWMAN ST	WASHINGTON ST	SMANST	40-R	85	87	2018	\$5,328
2018 91	2019 89	2020 87	2021 85	2022 84				
S MAIN ST	WASHINGTON ST	WALNUT ST	SMANST	50-R	79	80	2018	\$3,764
2018 86	2019 85	2020 84	2021 83	2022 82				
SMITH LANE	N FOREST HLL ST	SUNRISE AVE	SMITLN	10-R	38	40		\$0
2018 37	2019 35	2020 32	2021 29	2022 26				
S STAR AVE	MARVIN	E CHURCH	STARAV	10-R	92	95	2019	\$6,135
2018 91	2019 94	2020 91	2021 89	2022 87				
S STAR AVE	E CHURCH	E OAK ST	STARAV	20-R	11	14	2021	\$187,067
2018 10	2019 7	2020 3	2021 100	2022 92				
SUNRISE AVE	HWY 174	VISTA AV	SUNRAV	10-R	26	29	2021	\$238,920
2018 25	2019 22	2020 19	2021 100	2022 92				
SUNRISE AVE	VISTA AVE	SMITH LN	SUNRAV	20-R	23	26	2021	\$142,596
2018 22	2019 19	2020 16	2021 100	2022 92				
SUNRISE AVE	SMITH LN	MARVIN AVE	SUNRAV	30-R	19	22	2020	\$83,382
2018 18	2019 15	2020 100	2021 92	2022 90				
SUNSET AVE	W GRASS VALLEY ST	END SOUTH	SUNSAV	10-R	33	36	2021	\$126,290
2018 32	2019 29	2020 27	2021 100	2022 92				
SUNSET CIR	W GRASS VALLEY ST	SUNSET AVE	SUNSCR	10-R	18	21	2021	\$219,324
2018 17	2019 14	2020 10	2021 100	2022 92				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
TOKAYANA WAY	RISING SUN RD	CITY LIMIT	TOKYWY	10-C	41	45	2018	\$45,198
2018 100	2019 90	2020 88	2021 86	2022 84				
VISTA AVE	N FOREST HILL ST	SUNRISE AVE	VISTAV	10-R	18	21	2021	\$141,636
2018 17	2019 14	2020 10	2021 100	2022 92				
W CHURCH ST	S MAIN ST	CULVER ST	WCHRST	10-R	100	100	2020	\$9,683
2018 96	2019 92	2020 95	2021 91	2022 89				
W CHURCH ST	CULVER ST	RISING SUN RD	WCHRST	20-R	21	24	2021	\$149,378
2018 20	2019 17	2020 14	2021 100	2022 92				
W GRASS VALLEY ST	S MAIN ST	N DEPOT ST ALLEY	WGRVST	10-R	86	88	2018	\$1,900
2018 92	2019 90	2020 88	2021 86	2022 84				
W GRASS VALLEY ST	N DEPOT ST ALLEY	KNEELAND ST	WGRVST	20-R	92	95	2019	\$3,773
2018 91	2019 94	2020 91	2021 89	2022 87				
W GRASS VALLEY ST	KNEELAND ST	CULVER ST	WGRVST	30-R	87	89	2018	\$2,633
2018 93	2019 90	2020 88	2021 86	2022 85				
W GRASS VALLEY ST	CULVER ST	RISING SUN RD	WGRVST	40-R	90	92	2018	\$3,301
2018 95	2019 91	2020 89	2021 87	2022 86				
W GRASS VALLEY ST	RISING SUN RD	SUNSET CIR E END	WGRVST	50-R	35	38	2022	\$104,708
2018 34	2019 32	2020 29	2021 26	2022 100				
W GRASS VALLEY ST	SUNSET CIR E END	SUNSET AVE	WGRVST	60-R	23	26	2021	\$70,156
2018 22	2019 19	2020 16	2021 100	2022 92				
WHITCOMB AVE	S AUBURN ST	CORTOPASSI CT	WHTCAV	10-R	24	27	2022	\$88,830
2018 23	2019 20	2020 17	2021 13	2022 100				

\*\* - Treatment from Project Selection

Street Name	Beg Location	End Location	Street ID	Section ID	Survey PCI	PCI In 2017	Year First Treatment	Cost
WHITCOMB AVE	CORTOPASSI CT	END CDS	WHTCAV	20-R	57	59	2021	\$145,378
2018 56	2019 54	2020 52	2021 100	2022 92				
WALNUT ST	ROSE AVE	S MAIN ST	WLNTST	10-R	33	36	2022	\$117,191
2018 32	2019 29	2020 27	2021 23	2022 100				
W OAK ST	S MAIN ST	CULVER ST	WOAKST	10-R	60	62		\$0
2018 59	2019 57	2020 55	2021 53	2022 51				
W OAK ST	CULVER ST	END W	WOAKST	20-R	13	16	2022	\$363,498
2018 12	2019 9	2020 5	2021 1	2022 100				
WASHINGTON ST	ROSE AVE	S MAIN ST	WSHTST	10-R	36	38	2022	\$160,589
2018 35	2019 33	2020 30	2021 27	2022 100				

\*\* - Treatment from Project Selection